User Guide

INSIGNIA™

19" 720p LCD TV/DVD Combo

NS-LDVD19Q-10A

INSIGNIA™

Contents

CHILD SAFETY 1

Important safety instructions 2
- Warnings 2
- Cautions 3

Installing the stand or a wall-mount bracket 4
- Installing the stand 4
- Attaching a wall-mount bracket 4

TV components 5
- Package contents 5
- Front 5
- Back 6
- Remote Control 7

Using the remote control 8
- Installing remote control batteries 8
- Aiming the remote control 8
- Programming a universal remote control to work with your TV 9

Making connections 9
- Connecting the power cord 9
- Connecting an antenna, cable TV, or satellite TV 9
- Connecting a standard video device 10
- Connecting an S-Video device 11
- Connecting a component video device 11
- Connecting an HDMI device 12
- Connecting a DVI device 12
- Connecting a computer 13
- Connecting a computer using HDMI or DVI 13
- Connecting a standard sound system 14
- Connecting a digital sound system 14
- Connecting a TV 15

Turning on your TV for the first time 15

Understanding the basics 16
- Turning your TV/DVD combo on and off 16
- Selecting the video input mode 16
- Selecting a channel 16
- Adjusting the volume 16
- Viewing channel information 16

Adjusting the picture 17
- Adjusting the picture 17
- Adjusting advanced video settings 17
- Adjusting VGA settings 18
- Changing the PC's video resolution 18

Adjusting the sound 19
- Adjusting the sound 19
- Selecting the audio mode 19

Changing channel settings 19
Automatically scanning for channels 19
Selecting the signal source 20
Hiding channels 20
Setting up the favorite channel list 21
Deleting a channel from the favorite channel list 22
Adding a channel label 22
Checking the digital channel strength 23
Using the electronic program guide 23

Setting parental controls 23
Turning parental controls on or off 23
Blocking a video input source 24
Blocking U.S. TV programs 24
Blocking movies 26
Blocking Canadian TV programs 27
Using downloaded rating information 28
Changing the password 28

Using closed captioning 29
Selecting the closed captioning mode 29
Setting closed captioning styles 29

Adjusting time settings 30
Manually setting the current date and time 31
Setting the sleep timer 31
Setting the wake timer 32

Adjusting menu settings 32
Selecting the menu language and transparency 32
Changing video input labels 33

Using the DVD player 33
Playing a DVD 33
Playing an audio CD 33
Using DVD repeat play 34
Using CD repeat play 34
Using a DVD title menu 34
Creating a playback loop 34
Selecting the subtitle language 34
Using a DVD menu 35
Changing the DVD audio language 35
Turning DVD captions on or off 35
Changing the DVD display mode 36
Setting up the TV output 37
Turning the screen saver on and off 37
Using DVD last memory 38
Setting up DVD speaker output 38
Setting up DVD Dolby Digital 39
Using the DVD equalizer 39
Setting up DVD 3D sound 40
Setting up DVD video options 41
Using parental controls 41
Changing DVD preferences 42

Maintaining 43
Cleaning the cabinet 43
Care and handling of discs 43

Troubleshooting 43
TV 43

DVD player 43
Specifications 44
Legal notices 44
Two-year limited warranty 45

CHILD SAFETY

It makes a difference how and where you use your flat panel display

As you enjoy your new product, keep these safety tips in mind

The issue

The home theater entertainment experience is a growing trend, and larger TVs are popular purchases. However, TVs are not always supported on the proper stands or installed according to the manufacturer's recommendations. We and the consumer electronics industry are committed to making home entertainment enjoyable and safe.

TVs that are inappropriately placed on dressers, bookcases, shelves, desks, speakers, chests, or carts may fall over and cause injury.

Tune into safety

- One size of TV stand does **not** fit all. Use only a TV stand rated for the weight of your TV.
- Carefully read and understand all enclosed instructions for proper use of this product.
- Don't let children climb on or play with entertainment system furniture and TVs.
- Don't place TVs on furniture that can easily be used as steps, such as a chest of drawers.
- Remember that children can become excited while watching a program, especially on a "larger-than-life" TV. Make sure that you place or install the TV where it cannot be pushed, pulled over, or knocked down.
- Make sure that you route all cords and cables so that they cannot be pulled or grabbed by curious children.

Wall mounting

If you decide to wall mount your TV, always remember:

- One size of wall mount does **not** fit all. Use only a wall mount rated for the weight of your TV and that has been recommended by this TV manufacturer, listed in this manual, or otherwise listed by an independent laboratory as suitable for your TV.
- Follow all instructions supplied by the TV and wall mount manufacturers.
- If you have any doubts about your ability to safely wall mount your TV, get help from a professional installer.
- Make sure that the wall where you are mounting the TV is appropriate. Some wall mounts are not designed to be mounted to walls backed with steel studs or cinder blocks. If you are unsure, ask a professional installer.

CEA® Consumer Electronics Association

- TVs can be heavy. At least two people are required for safe wall mount installation.

Important safety instructions

CAUTION
RISK OF ELECTRIC SHOCK
DO NOT OPEN

This symbol indicates that dangerous voltage constituting a risk of electric shock is present within your TV. This label is located on the back of your TV.

This symbol indicates that there are important operating and maintenance instructions in the literature accompanying your TV.

1. Read these instructions.
2. Keep these instructions.
3. Heed all warnings.
4. Follow all instructions.
5. Do not use this apparatus near water.
6. Clean only with dry cloth.
7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
11. Only use attachments/accessories specified by the manufacturer.
12. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.

S3125A

13. Unplug this apparatus during lightning storms or when unused for long periods of time.
14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
15. The *mains plug* is the disconnecting device. The plug must remain readily operable.
16. The apparatus with grounding-type plug is a class I apparatus. Class I apparatus need to be connected to earth ground wire to prevent possible electric shock. Make sure that you connect the class I apparatus to a mains socket outlet with a protective earthing connection.
17. Remote control batteries should not be exposed to excessive heat such as sunshine, fire, or the like.
18. The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.

Warnings

Electric shock hazard

To reduce the risk of fire or electric shock, do not remove any cover or expose the device to rain or moisture. No user-serviceable parts are inside. Refer servicing to qualified service technicians.

Lightning

For added protection for your device receiver during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the power outlet and disconnect any antenna or cable system. This helps prevent property damage and personal injury from lightning and power line surges.

Power lines

An outside antenna system should not be located in the vicinity of overhead power lines or other electric light or power circuits, or where it can fall into such power lines or circuits. When installing an outside antenna system, extreme care should be taken to keep from touching such power lines or circuits as contact with them might be fatal.

Handling the LCD panel

- Your TV's screen is made of glass. Do not drop your TV or hit, jolt, or press hard against the LCD panel. If the screen breaks, be careful of broken glass.
- If the LCD panel is broken, make absolutely sure that you do not touch the liquid in the panel. This may cause skin inflammation.
- If the liquid gets in your mouth, immediately gargle, rinse, and consult with your doctor. Also, if the liquid gets in your eyes or touches your skin, consult with your doctor after rinsing for at least 15 minutes or longer in clean water.

Replacement parts

When replacement parts are required, make sure that the service technician uses replacement parts specified by the manufacturer that have the same characteristics as the original part. Unauthorized substitutions may result in fire, electric shock, personal injury, or other hazards.

Safety check

After completing any service or repair to this device, ask the service technician to perform routine safety checks to determine that your TV is in correct operating condition.

Power source

Operate your TV only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult an electrician or your local power company.

Cautions

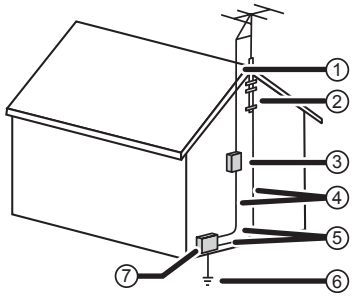
Damage requiring service

Unplug this TV from the power outlet and refer servicing to qualified service personnel under the following conditions:

- When the power supply cord or plug is damaged or frayed.
- If liquid has been spilled or objects have fallen into your TV.
- If your TV has been exposed to rain or water.
- If your TV does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions because incorrect adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore your TV to its normal operation.
- If your TV has been dropped or damaged in any way.
- When your TV exhibits a distinct change in performance.

Outdoor antenna grounding

If an outside antenna or cable system is connected to your TV, make sure that the antenna or cable system is grounded to provide some protection against voltage surges and built-up static charges. Article 810 of the National Electrical Code, ANSI/NFPA No. 70, provides information with respect to correct grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of the antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode.



1	Antenna lead-in wire
2	Grounding clamp
3	Antenna discharge unit
4	Grounding conductors
5	Ground clamps
6	Power service grounding electrode system
7	Electric service equipment

Note to CATV system installer

Article 820 of the National Electrical Code, ANSI/NFPA No. 40 provides guidance for correct grounding. Specifically, it states that the cable ground must be connected to the grounding system of the building as close to the point of cable entry as practical.

Condensation

Moisture will form on the TV if the TV is brought from cool surroundings into a warm room or if the temperature of the room rises suddenly. When this happens, the TV's performance may be impaired. To prevent this, let the TV stand in its new surroundings for about an hour before switching it on, or make sure that the room temperature rises gradually.

Condensation may also form during the summer if the TV is exposed to the breeze from an air conditioner. In such cases, change the location of the TV.

Mobile telephone warning

To avoid interference with your TV picture and sound, operating problems, or even damage, keep your cordless and cellular telephones away from the TV.

End of life directives

Your TV contains tin-lead solder and a fluorescent lamp containing a small amount of mercury. Disposal of these materials may be regulated for environmental reasons. Your TV also contains material that can be recycled and reused. For disposal or recycling information, contact your local authorities or the Electronic Industries Alliance at www.eia.org to find a recycler in your area.

Non-active pixels

The LCD panel contains almost 3 million thin film transistors, which provide exceptionally sharp video quality. Occasionally, a few non-active pixels may appear on the screen as a fixed blue, green, or red point. These non-active pixels do not adversely affect the performance of your TV, and are not considered defects.

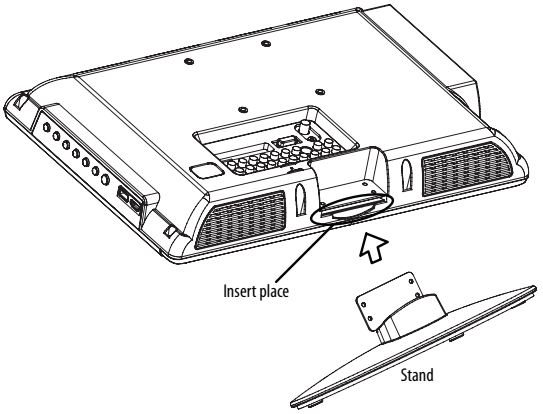
Installing the stand or a wall-mount bracket

Installing the stand

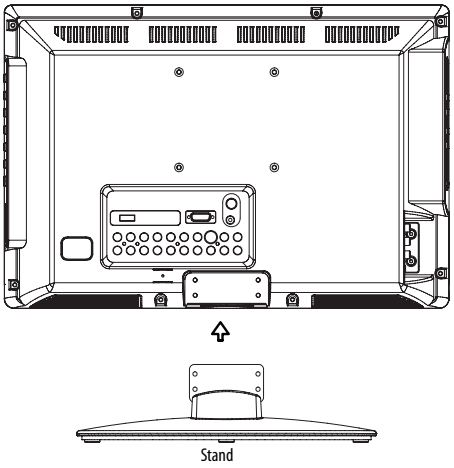
If you plan to use your TV/DVD combo in an upright position on a flat surface, you need to install the stand.

To install the stand:

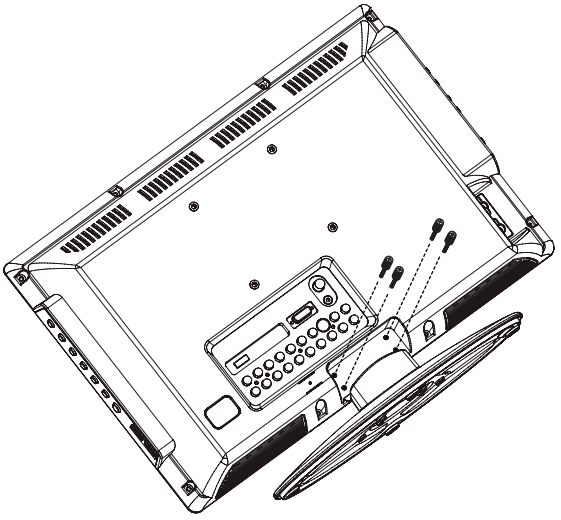
1. Place a towel or cushion on a flat surface, then lay your TV/DVD combo face-down on the towel or cushion.
2. Find the insert place on the stand.



3. Slide the stand into the insert place.



4. Secure the stand with the four provided screws.



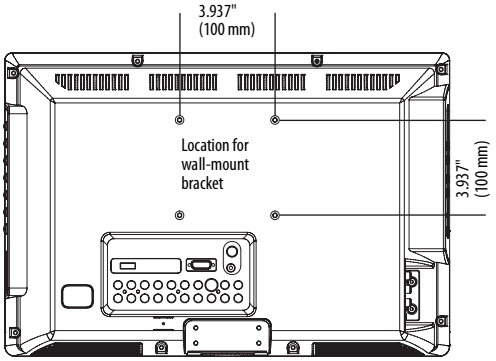
Attaching a wall-mount bracket

Warning

These instructions are for use by qualified service personnel only. To reduce the risk of damage or injury, do not wall-mount your TV/DVD combo unless you are qualified to do so.

To attach a wall-mount bracket:

1. If the stand is installed, remove the four screws that secure the stand to the TV, then remove the stand.
2. Secure the wall-mount bracket (not provided) to the back of your TV/DVD combo using the screws that secured the stand to your TV. These are M4*16 (4 mm diameter and 16 mm screw thread length) screws.

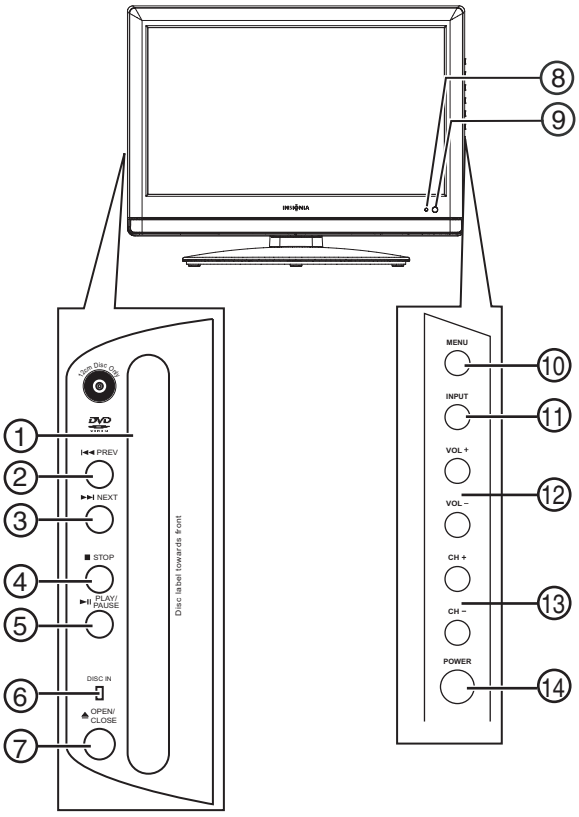


TV components

Package contents

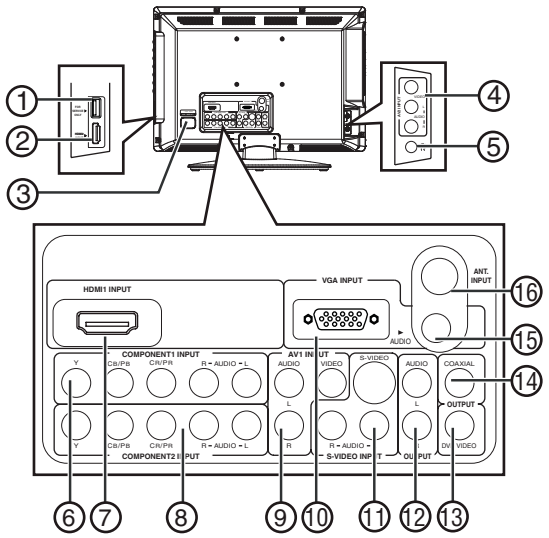
- TV/DVD combo
- Stand
- Remote control with holder
- Remote control batteries (2 AAA)
- Screws for attaching the stand or a wall-mount bracket (4)
- Antenna
- VGA cable
- Component video cable
- Power cable
- Cleaning cloth
- *User Guide*
- *Quick Setup Guide*

Front



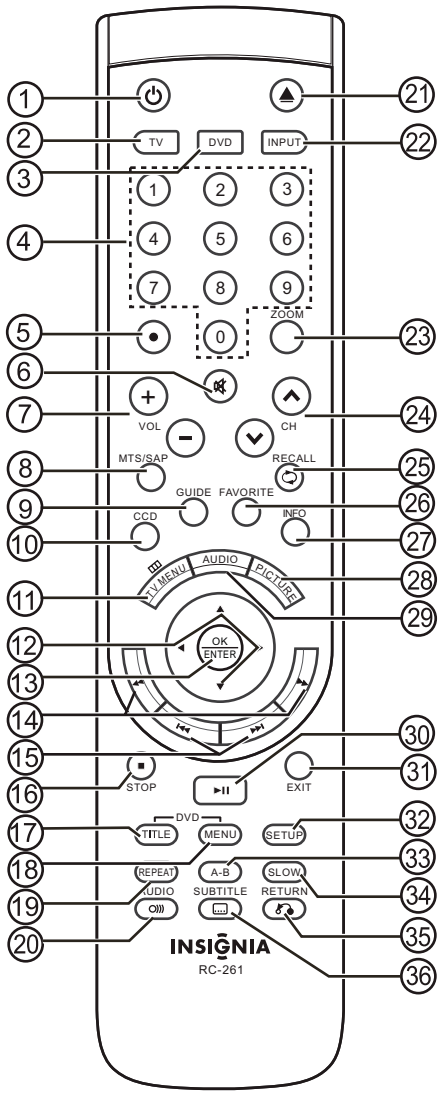
#	Item	Description
1	**Disc slot**	Insert a DVD or CD to change to DVD mode and play the disc.
2	**⏮ PREV button**	Press to skip to the previous chapter or track. For more information, see "Playing a DVD" on page 33 or "Playing an audio CD" on page 33.
3	**⏭ NEXT button**	Press to skip to the next chapter or track. For more information, see "Playing a DVD" on page 33 or "Playing an audio CD" on page 33.
4	**■ STOP button**	Press to stop disc playback.
5	**⏯ PLAY/PAUSE button**	Press to play or pause a disc.
6	**Disc indicator**	Lights when a DVD or CD is loaded into the disc slot.
7	**⏏ OPEN/CLOSE button**	Press to eject the disc in the disc slot.
8	**Power/Standby indicator**	Lights when your TV is plugged into a power outlet. When your TV is on, the indicator is blue. When your TV is in standby mode, the indicator is red.
9	**IR sensor**	Receives signals from the remote control. Do not block.
10	**MENU button**	Press to open the TV menu.
11	**INPUT button**	Press to select the AV signal input. You can select **TV**, **AV1**, **AV2**, **S-Video**, **Component1**, **Component2**, **DVD**, **HDMI1**, **HDMI2**, or **VGA**.
12	**VOL+/VOL– buttons**	Press to adjust the volume.
13	**CH+/CH– buttons**	Press to change the channel.
14	**POWER button**	Press to turn your TV/DVD combo on or off (standby mode). When your TV/DVD combo is off, power still flows into it. To disconnect power, unplug the power cord.

Back



#	Jack	Description
1	**FOR SERVICE ONLY**	For service use only.
2	**HDMI2 INPUT**	Connect an HDMI device to this jack. For more information, see “Connecting an HDMI device” on page 12.
3	**AC INPUT**	Connect the power cord to this jack. When your TV/DVD combo is off, power still flows into it. To disconnect power, unplug the power cord.
4	**AV2 INPUT (VIDEO and L/R AUDIO)**	Connect a standard AV device to this jack. For more information, see “Connecting a standard video device” on page 10.
5	**(Headphone)**	Connect headphones to this jack.
6	**COMPONENT1 INPUT (Y, CB/PB, CR/PR, and L/R AUDIO)**	Connect a component video device to these jacks. For more information, see “Connecting a component video device” on page 11.
7	**HDMI1 INPUT**	Connect an HDMI device to this jack. for more information, see “Connecting an HDMI device” on page 12.
8	**COMPONENT2 INPUT (Y, CB/PB, CR/PR, and L/R AUDIO)**	Connect a component video device to these jacks. For more information, see “Connecting a component video device” on page 11.
9	**AV1 INPUT (VIDEO and L/R AUDIO)**	Connect a standard AV device to these jacks. For more information, see “Connecting a standard video device” on page 10.
10	**VGA INPUT**	Connect a computer’s video to this jack. For more information, see “Connecting a computer” on page 13.
11	**S-VIDEO INPUT (S-VIDEO and L/R AUDIO)**	Connect an S-Video device to these jacks. For more information, see “Connecting an S-Video device” on page 11.
12	**AUDIO L/R OUTPUT**	Connect an analog audio device to these jacks to play sound from your TV/DVD combo through the external device. For more information, see “Connecting a standard sound system” on page 14.
13	**DVD VIDEO OUTPUT**	Connect a TV to this jack to view the playback picture from the built-in DVD player. For more information, see “Connecting a TV” on page 15.
14	**COAXIAL (digital audio)**	Connect a digital audio device to this jack to play sound from your TV/DVD combo through the external device. For more information, see “Connecting a digital sound system” on page 14.
15	**VGA AUDIO INPUT**	Connect a computer’s line out jack to this jack. For more information, see “Connecting a computer” on page 13.
16	**ANT. INPUT**	Connect an antenna, cable TV, or satellite TV to this jack. For more information, see “Connecting an antenna, cable TV, or satellite TV” on page 9.

Remote Control



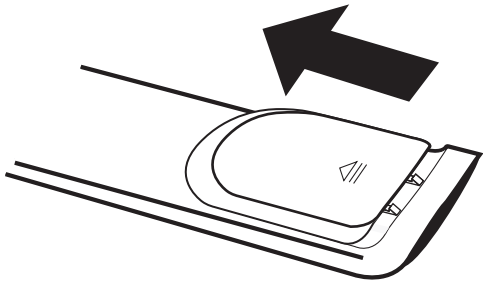
#	Button	Description
1	⏻ **(power)**	Press to turn your TV/DVD combo on or off (standby mode). When your TV/DVD combo is off, power still flows into it. To disconnect power, unplug the power cord.
2	**TV**	Press to view TV.
3	**DVD**	Press to use the DVD player.
4	**Numbers**	Press to enter channel numbers and the parental control password.
5	● **(decimal)**	Press to select digital sub-channels. For more information, see "Selecting a channel" on page 16.
6	🔇 **(mute)**	Press to mute the sound. Press again to restore the sound.
7	**VOL +/VOL–**	Press to increase or decrease the volume.
8	**MTS/SAP**	In analog TV mode, press to select Stereo, Mono, or SAP. In digital TV mode, press to select the audio language. For more information, see "Adjusting the sound" on page 19.
9	**GUIDE**	Press to display the DTV electronic program guide. For more information, see "Using the electronic program guide" on page 23.
10	**CCD**	Press to turn closed captioning on or off. For more information about closed captioning, see "Selecting the closed captioning mode" on page 29 and "Setting closed captioning styles" on page 29.
11	**TV MENU**	Press to open the on-screen menu.
12	▲ ▼ ◀ ▶	Press to select options and to adjust settings in the on-screen menus.
13	**OK/ENTER**	Press to confirm selections in the on-screen menus.
14	◀◀/▶▶	Press to fast-reverse or fast-forward on discs.
15	⏮/⏭	Press to skip to the previous or next chapter or track on a disc. For more information, see "Playing a DVD" on page 33 and "Playing an audio CD" on page 33.
16	■ **STOP**	Press to stop disc playback. For more information, see "Playing a DVD" on page 33 or "Playing an audio CD" on page 33.
17	**DVD/TITLE**	Press to open a DVD title menu, if available. For more information, see "Using a DVD title menu" on page 34.
18	**DVD/MENU**	Press to open a DVD menu, if available. For more information, see "Using a DVD menu" on page 35.
19	**REPEAT**	Press to repeat a part of a disc. For more information, see "Using DVD repeat play" on page 34 and "Using CD repeat play" on page 34.
20	**AUDIO**	Press to change the DVD audio language. For more information, see "Changing the DVD audio language" on page 35.
21	⏏ **(eject)**	Press to eject a disc from the DVD player.
22	**INPUT**	Press to select the video input mode. For more information, see "Selecting the video input mode" on page 16.
23	**ZOOM**	Press to select the aspect ratio. You can select **Normal**, **Zoom**, **Wide**, **Cinema**, **Panorama**, or **Auto Zoom** (TV mode only).
24	**CH∨/CH∧**	Press to go to the previous or next channel in the channel list. For more information, see "Selecting a channel" on page 16.
25	**RECALL**	Press to go the last viewed channel.
26	**FAVORITE**	Press to open the favorite list. For more information, see "Setting up the favorite channel list" on page 21.
27	**INFO**	Press to display information about the input source.
28	**PICTURE**	Press to select the picture mode. You can select **Vivid**, **Standard**, **Sports**, **Theater**, **Energy Savings**, or **Custom**.
29	**AUDIO**	Press to select the sound mode. You can select **Standard**, **Music**, **Theater**, **News**, or **Custom**.
30	⏯	Press to start or pause disc playback. For more information, see "Playing a DVD" on page 33 and "Playing an audio CD" on page 33.
31	**EXIT**	Press to close the on-screen menu.
32	**SETUP**	Press open the DVD on-screen menu.
33	**A-B**	Press to create a playback loop for a disc. For more information, see "Creating a playback loop" on page 34.
34	**SLOW**	Press to play a DVD in slow motion. For more information, see "Playing a DVD" on page 33.
35	**RETURN**	Press to return to the main menu when playing a Playback Control-featured VIDEO CD.
36	**SUBTITLE**	Press to change the subtitle language. For more information, see "Selecting the subtitle language" on page 34.

Using the remote control

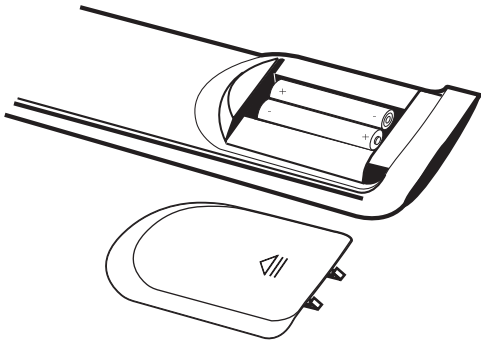
Installing remote control batteries

To install remote control batteries:

1 Remove the battery compartment cover.



2 Insert two AAA batteries into the battery compartment. Make sure that you match the + and – symbols on the batteries with the + and – symbols in the battery compartment.



3 Replace the cover.

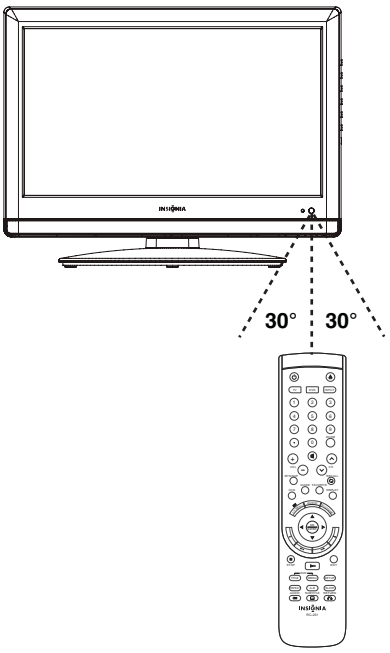
Notes

- Do not mix batteries of different types.
- Do not mix old and new batteries.
- Remove batteries when the charge is depleted.
- Battery chemicals can cause a rash. If the batteries leak, clean the battery compartment with a cloth. If chemicals touch your skin, wash immediately.
- If the remote control is not going to be used for an extended period of time, remove the batteries.

Aiming the remote control

To use the remote control:

- Point the remote control towards the remote sensor on the front of your TV/DVD combo.



Note

- Do not expose the remote control to shock or liquids.
- Do not use the remote control in an area with high humidity.
- Do not place the remote control in direct sunlight.
- Do not place objects, such as furniture, between the remote control and the remote sensor.
- The remote control may not work if direct sunlight or bright light shines on the remote sensor. Either move your TV/DVD combo or change the angle at which you use the remote control.

Programming a universal remote control to work with your TV

You can operate your Insignia TV with a new or existing universal remote control.

To program a universal remote control:

1. Find the code for your universal remote control by identifying its model (or your set-top box's remote control manufacturer and model) on the charts below, then make note of the numbered code below it. You will use the numbered code to program your remote control to work with your Insignia TV.

Insignia TV codes for universal remote controls (for all Insignia TVs manufactured after Jan. 1, 2007)				
Universal remote control manufacturers and models				
Philips PHDVD5, PH5DSS, PMDVR8, PDVR8	RCA RCU807	One for All URC-6690	Sony RM-VL600	
115	**135**	**0464**	**8043**	
Set-top box manufacturers and models				
Comcast M1057	Dish Network VIP508, VIP622	Motorola DRC800	TIVO Series 3, HD	DirectTV RC23
0463	**720**	**0463**	**0091**	**10463**

Codes for other remote controls are available online at: www.insigniaproducts.com/universalcontrolcodes.aspx

Tips

- The brand name is often visible on the front of the universal remote control, and the model number is often visible on the back.
- If your universal remote control isn't listed on the chart, refer to your universal remote control's instructions and try codes for the brands Orion, Emerson, Memorex, Sansui, Sylvania, or Zenith. You may need to try several codes before finding a match.

2. Follow your universal remote control's instructions to enter the TV code you found in Step 1.

Tips

- If your universal remote control has a code search feature, run a code search to identify a code that matches your TV. See your universal remote control's instructions for details.
- If your universal remote control has a "Learn" feature, you can manually program it using the Insignia TV remote to "teach" the commands one at a time. See your universal remote control's instructions for details.

3. If all else fails, you must use a different universal remote control that can operate both your set-top box and your TV. Four such remotes are listed on the chart, but many other compatible models are available in the market.

   For more help, call technical support for your universal remote control or set-top box manufacturer, or call the Insignia Customer Care Center at 1-877-467-4289.

Making connections

Connecting the power cord

To connect the power cord:

- Connect the power cord to the **AC INPUT** jack on the back of your TV/DVD combo, then connect the other end of the cable to a power outlet.

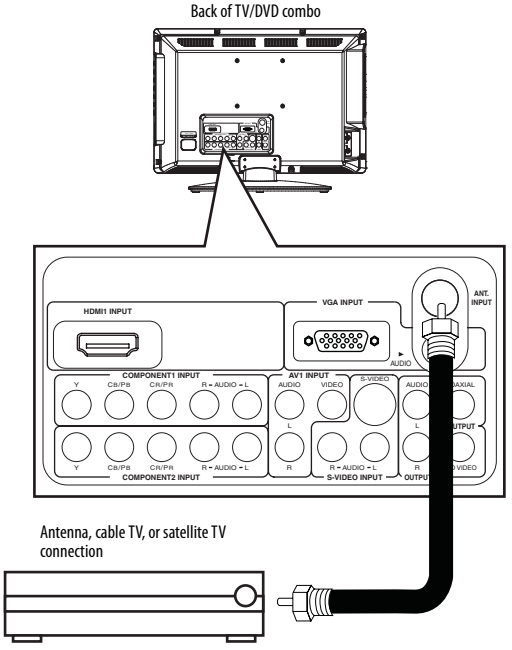
Warning

When your TV/DVD combo is turned off, power is still flowing into it. To completely disconnect power, unplug the power cord.

Connecting an antenna, cable TV, or satellite TV

To connect an antenna, cable TV, or satellite TV:

1. Make sure that your TV/DVD combo is turned off and the power cord is disconnected.
2. Connect one end of a coaxial cable to the **ANT. INPUT** jack on the back of your TV/DVD combo, then connect the other end to the antenna, cable TV, or satellite TV jack.



3. Turn on your TV/DVD combo.
4. Press **INPUT** on the remote control or the side of your TV to display the input source menu, then press **INPUT** repeatedly or press ▲ or ▼ to select **TV**. Press **OK/ENTER**.

Note

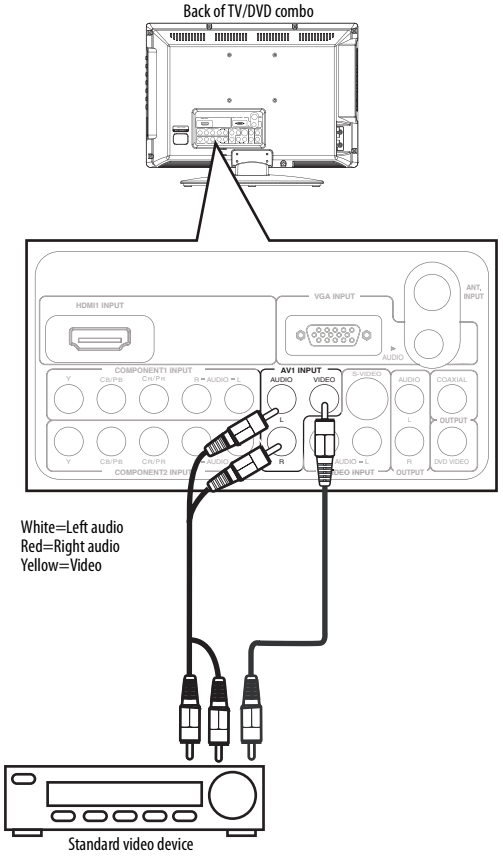
You can also press **TV** on the remote control to select the TV.

Connecting a standard video device

You can connect a standard video device to the **AV1 INPUT** (**VIDEO** and **L/R AUDIO**) jacks on the back of your TV/DVD combo or to the **AV2 INPUT** (**VIDEO** and **L/R AUDIO**) jacks on the side of your TV/DVD combo.

To connect a standard video device to the back jacks:

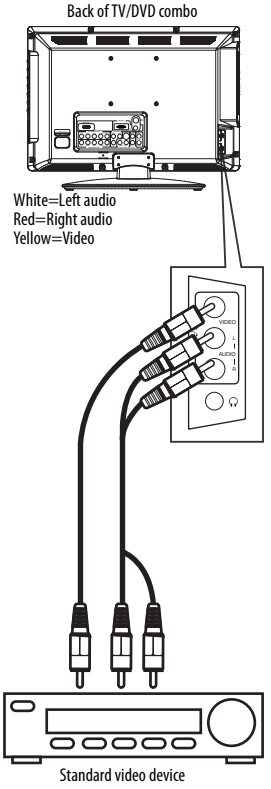
1. Make sure that your TV/DVD combo is turned off and the power cord is disconnected.
2. Connect an AV cable into the **AV1 INPUT** (**VIDEO** and **L/R AUDIO**) jacks on the back of your TV/DVD combo, then connect the other end of the cable to the **AV OUTPUT** jacks on the external device.



3. Turn on your TV/DVD combo.
4. Press **INPUT** on the remote control or the side of your TV to display the input source menu, then press **INPUT** repeatedly or press ▲ or ▼ to select **AV1**. Press **OK/ENTER**.

To connect a standard video device to the side jacks:

1. Make sure that your TV/DVD combo is turned off and the power cord is disconnected.
2. Connect an AV cable into the **AV2 INPUT** (**VIDEO** and **L/R AUDIO**) jacks on the side of your TV/DVD combo, then connect the other end of the cable to the **AV OUTPUT** jacks on the external device.

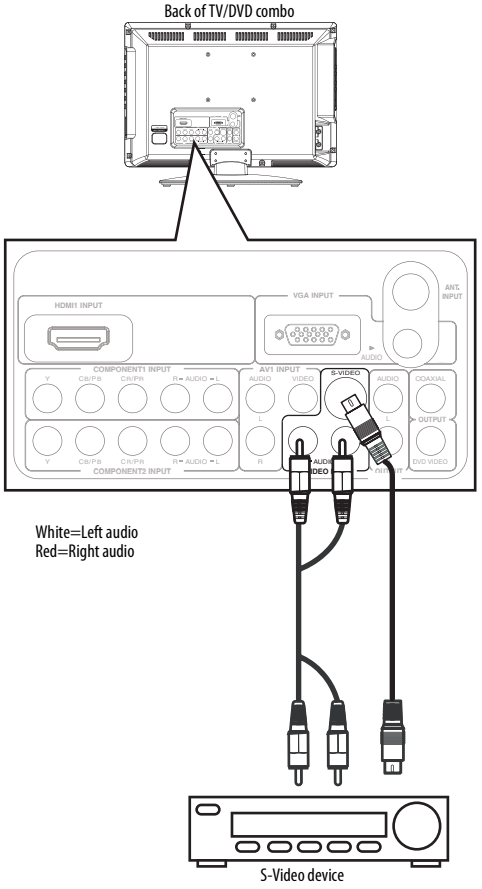


3. Turn on your TV/DVD combo.
4. Press **INPUT** on the remote control or the side of your TV to display the input source menu, then press **INPUT** repeatedly or press ▲ or ▼ to select **AV2**. Press **OK/ENTER**.

Connecting an S-Video device

To connect an S-Video device:

1. Make sure that your TV/DVD combo is turned off and the power cord is disconnected.
2. Connect one end of an S-Video cable to the **S-VIDEO INPUT** jack on the back of your TV/DVD combo, then connect the other end of the cable to the **S-VIDEO OUT** jack on the S-Video device.

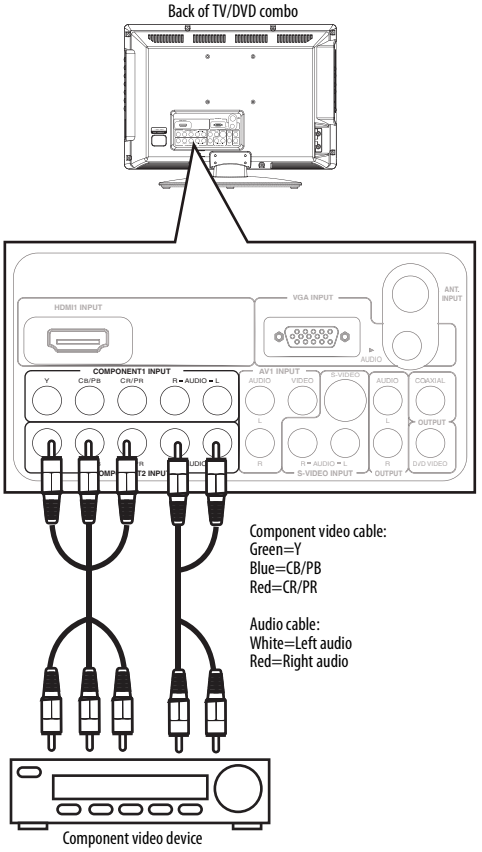


3. Connect one end of an audio cable to the **S-VIDEO INPUT** (**L/R AUDIO**) jacks under the **S-VIDEO INPUT** jack on the back of your TV/DVD combo, then connect the other end of the cable to the corresponding audio jacks on the external device.
4. Turn on your TV/DVD combo.
5. Press **INPUT** on the remote control or the side of your TV to display the input source menu, then press **INPUT** repeatedly or press ▲ or ▼ to select **S-Video**. Press **OK/ENTER**.

Connecting a component video device

To connect a component video device:

1. Make sure that your TV/DVD combo is turned off and the power cord is disconnected.
2. Connect one end of the component video cable to the **COMPONENT1 INPUT** (**Y**, **CB/PB**, and **CR/PR**) or **COMPONENT2 INPUT** (**Y**, **CB/PB**, and **CR/PR**) jacks on the back of your TV/DVD combo, then connect the other end of the cable to the corresponding component video jacks on the external device.

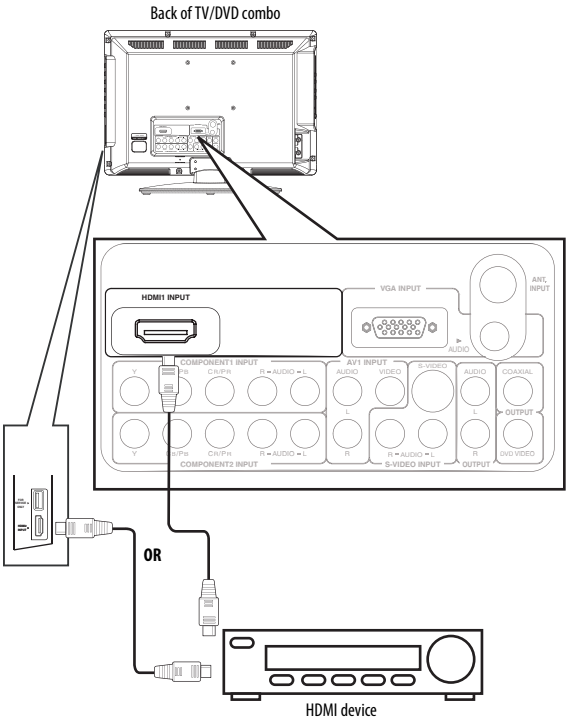


3. Connect one end of an audio cable to the **COMPONENT1 INPUT** (**L/R AUDIO**) or **COMPONENT2 INPUT** (**L/R AUDIO**) to the right of the video jacks you used on the back of your TV/DVD combo, then connect the other end of the cable to the corresponding audio jacks on the external device.
4. Turn on your TV/DVD combo.
5. Press **INPUT** on the remote control or the side of your TV to display the input source menu, then press **INPUT** repeatedly or press ▲ or ▼ to select **Component 1** or **Component 2**. Press **OK/ENTER**.

Connecting an HDMI device

To connect an HDMI device:

1. Make sure that your TV/DVD combo is turned off and the power cord is disconnected.
2. Connect one end of an HDMI cable to the **HDMI1 INPUT** jack on the back of your TV/DVD combo or to the **HDMI2 INPUT** jack on the side of your TV/DVD combo, then connect the other end of the cable to the **HDMI OUT** jack on the external device.

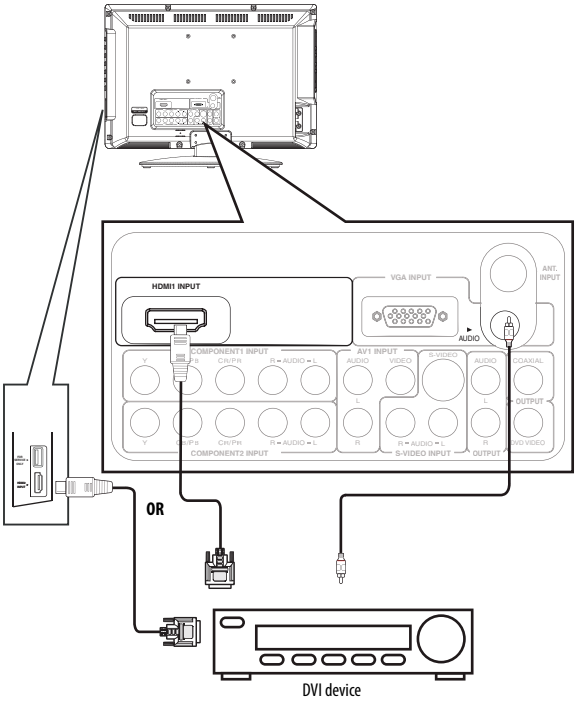


3. Turn on your TV/DVD combo.
4. Press **INPUT** on the remote control or the side of your TV to display the input source menu, then press **INPUT** repeatedly or press ▲ or ▼ to select **HDMI1** or **HDMI2**. Press **OK/ENTER**.

Connecting a DVI device

To connect a DVI device:

1. Make sure that your TV/DVD combo is turned off and the power cord is disconnected.
2. Connect one end of an HDMI-to-DVI cable to the **HDMI1 INPUT** jack on the back of your TV/DVD combo or to the **HDMI2 INPUT** jack on the side of your TV/DVD combo, then connect the other end of the cable to the **DVI OUT** jack on the external device.



3. Connect an audio cable to the **VGA AUDIO INPUT** jack on the back of your TV/DVD combo, then connect the other end of the cable into the **AUDIO OUT** jack on the DVI device.

Note

An HDMI-to-DVI cable transfers video only. Separate analog audio cables are required.

4. Turn on your TV/DVD combo.
5. Press **INPUT** on the remote control or the side of your TV to display the input source menu, then press **INPUT** repeatedly or press ▲ or ▼ to select **HDMI1** or **HDMI2**. Press **OK/ENTER**.

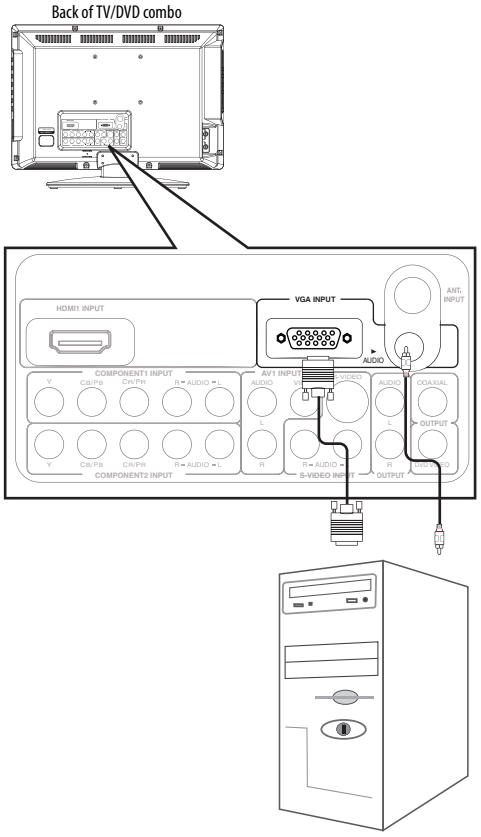
Connecting a computer

Note

You can also connect a computer using an HDMI connection. For more information, see "Connecting a computer using HDMI or DVI" on page 13.

To connect a computer:

1. Make sure that your TV/DVD combo is turned off and the power cord is disconnected.
2. Connect a VGA cable to the **VGA INPUT** jack on the back of your TV/DVD combo, then plug the other end of the cable into the **VGA** jack on the computer.



3. Connect an audio cable to the **VGA AUDIO INPUT** jack on the back of your TV/DVD combo, then connect the other end of the cable into the **LINE OUT** jack on the computer.
4. Turn on your TV/DVD combo.
5. Press **INPUT** on the remote control or the side of your TV to display the input source menu, then press **INPUT** repeatedly or press ▲ or ▼ to select **VGA**. Press **OK/ENTER**.

Connecting a computer using HDMI or DVI

Note

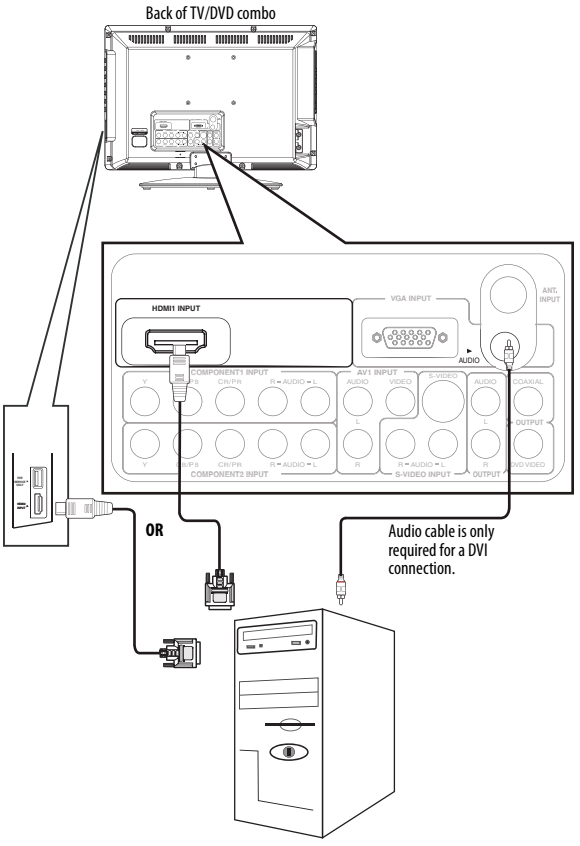
- If you are conncting a computer with an HDMI jack, use an HDMI cable. An HDMI cable transfers both video and audio. Separate audio cables are not required.
- If you are connecting a computer with a DVI jack, use an HDMI-to-DVI cable. An HDMI-to-DVI cable transfers video only. Separate analog audio cables are required.

To connect a computer using HDMI or DVI:

1. Make sure that your TV/DVD combo is turned off and the power cord is disconnected.
2. Connect one end of an HDMI cable to to the **HDMI1 INPUT** jack on the back of your TV/DVD combo or to the **HDMI2 INPUT** jack on the side of your TV/DVD combo, then connect the other end of the cable to the **HDMI** jack on the computer.

   Or,

   Connect one end of an HDMI-to-DVI cable to the **HDMI1 INPUT** jack on the back of your TV/DVD combo or to the **HDMI2 INPUT** jack on the side of your TV/DVD combo, then connect the other end of the cable to the **DVI** jack on the computer.



3. If you are connecting to a DVI jack on the computer, connect an audio cable to the **VGA AUDIO INPUT** jack on the back of your TV/DVD combo, then connect the other end of the cable into the **LINE OUT** jack on the computer.
4. Turn on your TV/DVD combo.

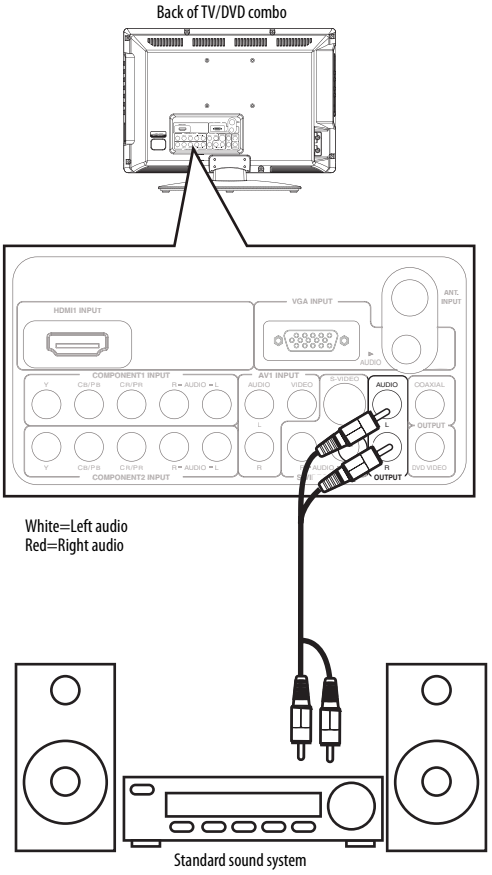
5 Press **INPUT** on the remote control or the side of your TV to display the input source menu, then press **INPUT** repeatedly or press ▲ or ▼ to select **HDMI1** or **HDMI2**. Press **OK/ENTER**.

Connecting a standard sound system

To connect a standard sound system:

1 Make sure that your TV/DVD combo is turned off and the power cord is disconnected.

2 Connect a standard audio cable to the **AUDIO L/R OUTPUT** jacks on the back of your TV/DVD combo, then connect the other end of the cable to the audio L and R input jacks on the external device.

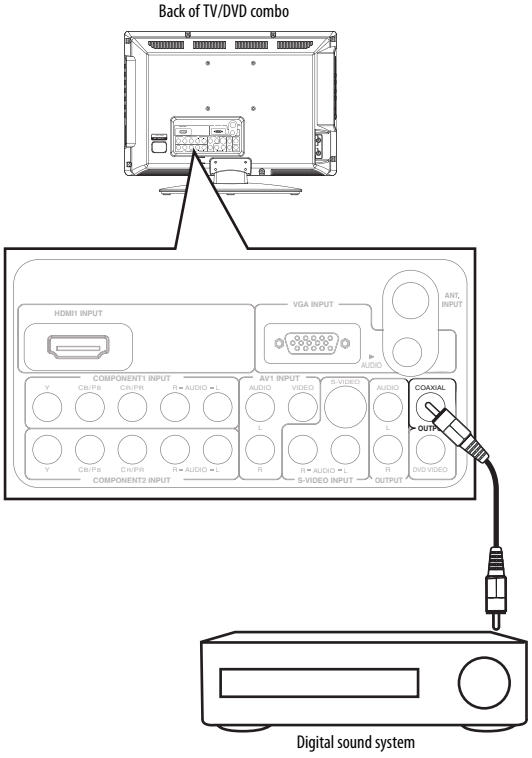


Connecting a digital sound system

To connect a digital sound system:

1 Make sure that your TV/DVD combo is turned off and the power cord is disconnected.

2 Connect one end of a coaxial cable to the **COAXIAL OUTPUT** jack on the back of your TV/DVD combo, then connect the other end of the cable to the **COAXIAL IN** jack on the external device.

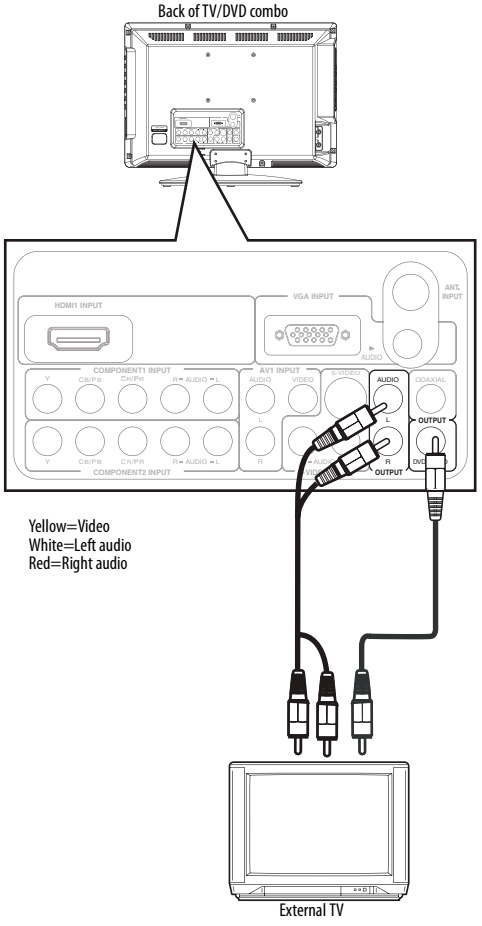


Connecting a TV

You can connect a TV to your TV/DVD combo to view playback from the built-in DVD player on the connected TV.

To connect a TV:

1. Make sure that your TV/DVD combo is turned off and the power cord is disconnected.
2. Connect one end of a video cable to the **DVD VIDEO OUTPUT** jack on the back of your TV/DVD combo, then connect the other end of the cable to the **VIDEO INPUT** jack on the external TV.



3. Connect a standard audio cable to the **AUDIO L/R OUTPUT** jacks on the back of your TV/DVD combo, then connect the other end of the cable to the **AUDIO L** and **R INPUT** jacks on the external TV.

Notes

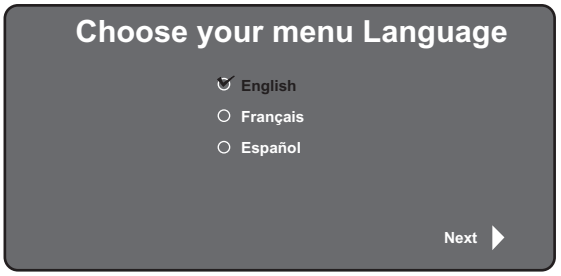
- Refer to the owner's manual of the connected TV as well.
- The image is normal when you set the TV OUTPUT to YCbCr in the setup menu. For more information, see "Setting up the TV output" on page 37.

Turning on your TV for the first time

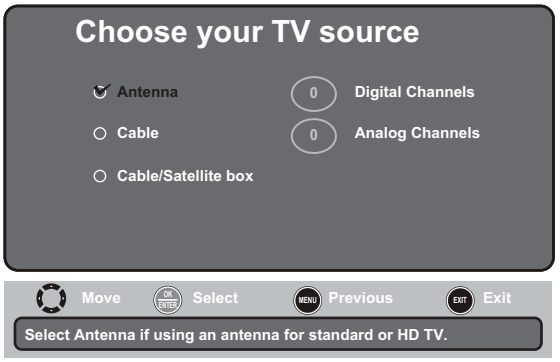
The first time you turn on your TV/DVD combo, the Setup Wizard opens. The Setup Wizard guides you through setting up basic settings including the menu language, TV signal source, and the channel list.

To set up your TV/DVD combo:

1. Make sure that you have:
   - Installed the remote control batteries. For more information, see "Installing remote control batteries" on page 8.
   - Connected the antenna, cable TV, or satellite TV. For more information, see "Connecting an antenna, cable TV, or satellite TV" on page 9.
   - Connected the power cord. For more information, see "Connecting the power cord" on page 9.
2. Press ⏻ **POWER** to turn on your TV/DVD combo. The *Choose your menu Language* screen opens.

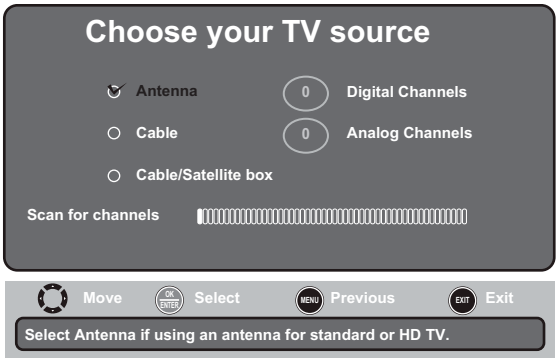


3. Press ▲ or ▼ to highlight **English**, **Français**, or **Español**, then press **OK/ENTER**. The *Choose your TV source* screen opens.



4. Press ▲ or ▼ to highlight:
   - **Antenna**—VHF and UHF channels.
   - **Cable**—Cable TV channels (no cable box).
   - **Cable/Satellite box**—Cable or satellite TV tuner box. If you are using a box, you do not need to scan for channels. If you select this option, your TV/DVD combo will not scan for channels.

5 Press **OK/ENTER**. Your TV/DVD combo scans for channels, if necessary.



When the scan is complete, your TV/DVD combo displays the first channel in the memorized channel list. You can stop the scan by pressing **EXIT**.

Understanding the basics

Note

Unless otherwise noted, all tasks in this section are based on using the remote control.

Turning your TV/DVD combo on and off

To turn your TV/DVD combo on and off:

1 Press ⏻ **POWER**. The power indicator turns blue and your TV/DVD combo turns on.

2 To turn off your TV/DVD combo, press ⏻ **POWER** again. Your TV/DVD combo turns off and the power indicator turns red.

Note

When your TV/DVD combo is turned off, power still flows into it. To disconnect power, unplug the power cord.

Selecting the video input mode

Your TV supports multiple video input modes.

To select the video input mode:

1 Press **INPUT** to display the input source menu, then press **INPUT** repeatedly or press ▲ or ▼ to select a video input mode. You can select:

- **TV**
- **AV1**
- **AV2**
- **S-Video**
- **Component 1**
- **Component 2**
- **DVD**
- **HDMI1**
- **HDMI2**
- **VGA**

2 Press **OK/ENTER**.

Selecting a channel

To select a channel:

- To go to the next or previous channel in the channel list, press **CH**∧ and **CH**∨. Pressing one of these buttons skips any channels that are not in the channel list. The channel list was created when you ran the Setup Wizard or when you scanned for channels.
- To select an analog or main digital channel, press the number buttons for the channel.
- To select a digital sub-channel, press the number buttons for the main digital channel, press ●, then press the number for the digital sub-channel.
- To tune to the last viewed channel, press ⬭ **RECALL**.

Adjusting the volume

To adjust the volume:

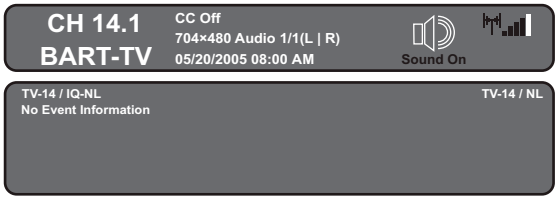
- Press **VOL+** or **VOL–** to increase or decrease the volume.
- Press 🔇 **MUTE** to turn off the sound. Press again to restore the sound.

Viewing channel information

To view channel information:

1 In digital TV mode, select a channel you want to watch.

2 Press **INFO** to display information about the program content, if available.



3 Press **INFO** again to close the display.

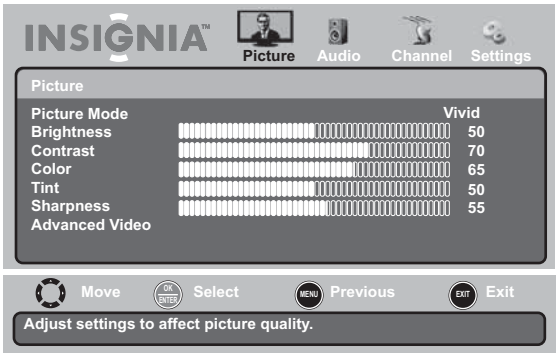
Adjusting the picture

Adjusting the picture

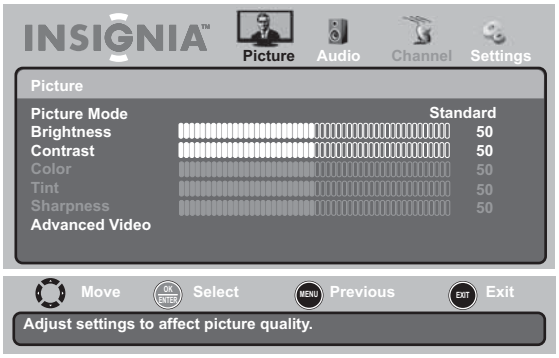
To adjust the picture:

1 Press **TV MENU**, then press ◄ or ► to highlight the **Picture** icon. The *Picture* menu appears.

TV mode



VGA mode



2 Press ▼ to access the *Picture* menu.

3 Press ▲ or ▼ to highlight a setting, then press ◄ or ► to adjust the setting or open a setting menu. If a another menu opens, press ▲, ▼, ◄, or ► to adjust the setting. You can select:

- **Picture Mode**–Selects the picture mode. You can select **Vivid**, **Standard**, **Sports**, **Theater**, **Energy Savings**, or **Custom**.
- **Brightness**—Adjusts the brightness.
- **Contrast**—Adjusts the contrast.
- **Color**—Adjusts the color.
- **Tint**—Adjusts the tint.
- **Sharpness**—Adjusts the sharpness.
- **Advanced Video**—For more information, see 'Adjusting advanced video settings" on page 17.

Note

If you adjust **Brightness**, **Contrast**, **Color**, **Tint**, or **Sharpness**, your TV/DVD combo automatically changes the **Picture Mode** to **Custom**.

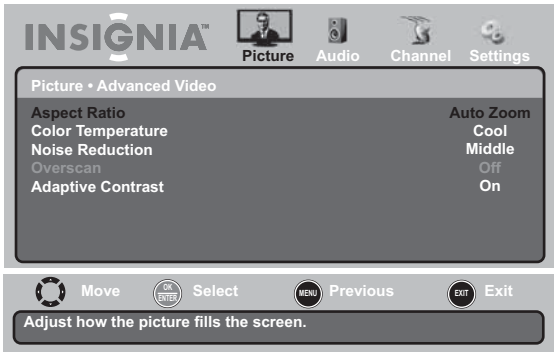
4 Press **TV MENU** one or more times to return to the previous menu.

5 Press **EXIT** to close the menu.

Adjusting advanced video settings

To adjust advanced video settings:

1 On the *Picture* menu, press ▲ or ▼ to highlight **Advanced Video**, then press ◄ or ► to open the **Advanced Video** menu. One of the following menus opens:



2 Press ▲ or ▼ to highlight a setting, then press ◄ or ► to adjust the setting or open a setting menu. If a another menu opens, press ▲, ▼, ◄, or ► to adjust the setting. You can select:

- **Aspect Ratio**—In TV mode, you can select **Normal**, **Zoom**, **Wide**, **Cinema**, **Panorama**, or **Auto Zoom** (TV mode only). In VGA mode, you can select **Normal** or **Wide**.

Note

If **Auto Zoom** is set to **Off** on the *Channel* menu, **Auto Zoom** will not appear in the **Aspect Ratio** list.

- **Color Temperature**—You can select **Cool**, **Normal**, or **Warm**.
- **Noise Reduction**—You can select **Off**, **Weak**, **Middle**, **Strong**, or **Auto**. **Auto** is only available in analog TV mode, AV1 mode, AV2 mode, and S-Video mode.
- **Overscan**—You can select **On** or **Off**. You can use the **Overscan** function to adjust the image when the extra image is not normally seen.
- **Adaptive Contrast**—You can select **On** or **Off**.

3 Press **TV MENU** one or more times to return to the previous menu.

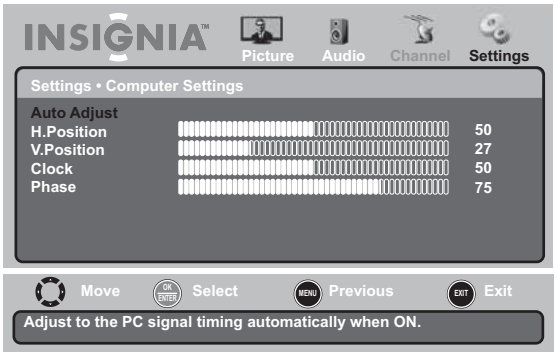
4 Press **EXIT** to close the menu.

Adjusting VGA settings

To adjust VGA settings:

1. Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2. Press ▼ to access the *Settings* menu.
3. Press ▲ or ▼ to highlight **Computer Settings**, then press ◄ or ► to open the *Computer Settings* menu.

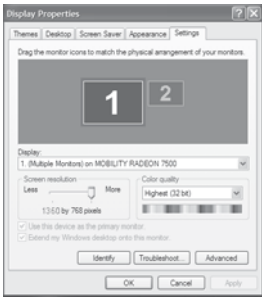


4. Press ▲ or ▼ to highlight a setting, then press ◄ or ► to adjust the setting or open a settings menu. If another menu opens, press ▲ ▼ ◄ or ► to adjust the setting. You can select:
   - **Auto Adjust**—Automatically adjusts the PC to the best settings. When this option is highlighted, press ◄ ► or **OK/ENTER** to activate the option and automatically adjust the PC settings.
   - **H.Position**—Moves the screen image right or left.
   - **V.Position**—Moves the screen image up or down.
   - **Clock**—Adjusts the sample frequency.
   - **Phase**—Adjusts the focus to stabilize the image.
5. Press **TV MENU** one or more times to return to the previous menu.
6. Press **EXIT** to close the menu.

Changing the PC's video resolution

To change the PC's video resolution:

1. Click **Start**, **Control Panel**, then double-click **Display**. The *Display Properties* dialog box opens.



2. Click the **Settings** tab.
3. Change the screen resolution setting to a supported resolution. The ideal resolution for your TV/DVD combo is **1360 × 768**.
4. Click **OK**, then click **Yes** to save your changes.

PC signal input chart

The following table shows the suggested screen resolutions.

Format	Resolution	Frequency (Hz)
VGA	640 × 480	60
	720 × 400	70
SVGA	800 × 600	60
	800 × 600	72
XGA	1024 × 768	60
WXGA	1280 × 768	60
	1360 × 768	60

If "Unsupported Mode" appears on the screen, adjust the PC display setting to correspond to one of the settings in the preceding table.

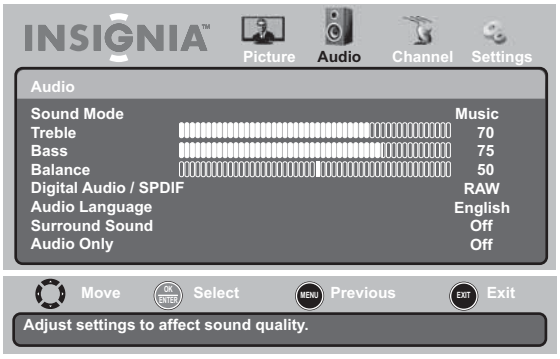
Adjusting the sound

Adjusting the sound

To adjust the sound:

1 Press **TV MENU**, then press ◄ or ► to highlight the **Audio** icon. The *Audio* menu appears.

TV mode



VGA mode

2 Press ▼ to access the *Audio* menu.

3 Press ▲ or ▼ to highlight a setting, then press ◄ or ► to adjust the setting or open a setting menu. If a another menu opens, press ▲ ▼ ◄ or ► to adjust the setting. You can select:

- **Sound Mode**—You can select **Standard**, **Music**, **Theater**, **News**, or **Custom**.
- **Treble**—Adjusts the high sounds.
- **Bass**—Adjusts the low sounds.
- **Balance**—Adjusts the balance between the left and right channels.
- **Digital Audio/SPDIF**—You can select **PCM** or **RAW**.
- **Audio Language** (Digital TV mode only)—You can select **English**, **French**, or **Spanish**.
- **MTS/SAP** (Analog TV mode only)—You can select **Mono**, **Stereo**, or **SAP**.
- **Surround Sound**—You can select **On** or **Off**.
- **Audio Only**—You can select **On** or **Off**. When this feature is turned on, the picture disappears and only the sound plays. To restore the picture, press any button except ⏻ (power).

4 Press **TV MENU** one or more times to return to the previous menu.

5 Press **EXIT** to close the menu.

Note

- If you adjust **Treble**, **Bass**, or **Balance**, your TV/DVD combo automatically changes the **Sound Mode** to **Custom**.
- The **Audio Only** function becomes active about 10 seconds after the TV menu closes.

Selecting the audio mode

You can select the audio mode for analog channels.

To select the audio mode for analog channels:

- Press **MTS/SAP** on the remote one or more times. You can select:
  - **Mono**—Select this option if there is noise or static on weak stereo broadcasts.
  - **Stereo**—Select this option for programs broadcast in stereo.
  - **SAP**—Select this option to listen to a secondary audio program, if available.

Note

Mono is automatically selected if the program is broadcast in mono.

To select an audio track for a digital channel:

- Press **MTS/SAP**. If an audio track is available, it plays.

Changing channel settings

Automatically scanning for channels

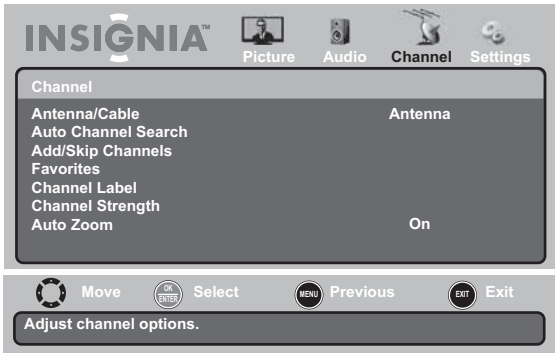
Note

You do not need to scan for channels unless the available channels changed after you ran the Setup Wizard. For more information, see "Turning on your TV for the first time" on page 15.

When you scan for channels, your TV/DVD combo searches for channels available in your viewing area and stores the channel information in the channel list. When you press **CH**∧ and **CH**∨, your TV/DVD combo tunes to the next channel in the channel list and skips any channels that were not stored in the list.

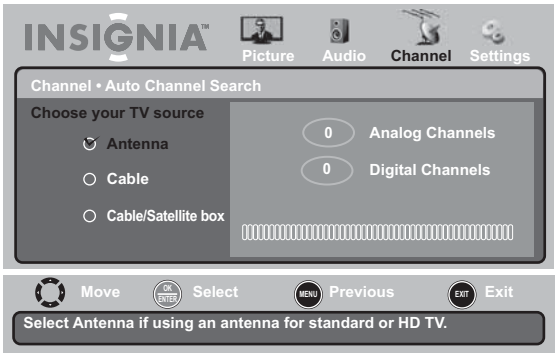
To automatically scan for channels:

1 Press **TV MENU**, then press ◄ or ► to highlight the **Channel** icon. The *Channel* menu appears.



2 Press ▼ to access the *Channel* menu.

3 Press ▲ or ▼ to highlight **Auto Channel Search**, then press ◄ or ►. The *Auto Search* menu opens.



4 Press ▲ or ▼ to highlight the TV signal source you are using. You can select:

- **Antenna**—VHF and UHF channels.
- **Cable**—Cable TV channels (no cable box).
- **Cable/Satellite** box—Cable or satellite TV tuner box. If you are using a box, you do not need to scan for channels. If you select this option, your TV/DVD combo will not scan for channels.

5 Press **OK/ENTER** to start scanning. Your TV/DVD combo scans for channels in your viewing area and stores the channel information in the channel list. When the scan is complete, your TV/DVD combo tunes to the first channel in the channel list.

Note

You can press **EXIT** to stop the scan, but you must run the scan again to create a complete channel list.

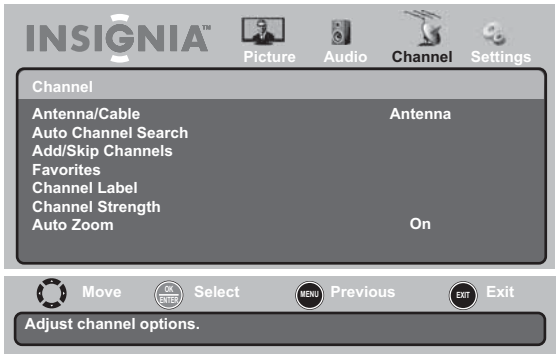
Selecting the signal source

Note

You do not need to select the TV signal source unless the source changed after you ran the Setup Wizard. For more information, see "Turning on your TV for the first time" on page 15.

To select the signal source:

1 Press **TV MENU**, then press ◄ or ► to highlight the **Channel** icon. The *Channel* menu appears.



2 Press ▼ to access the *Channel* menu.

3 Press ▲ or ▼ to highlight **Antenna/Cable**, then press ◄ or ►. The *Antenna/Cable* menu opens.

4 Press ▲ or ▼ to highlight **Antenna** or **Cable**.

5 Press **TV MENU** one or more times to return to the previous menu.

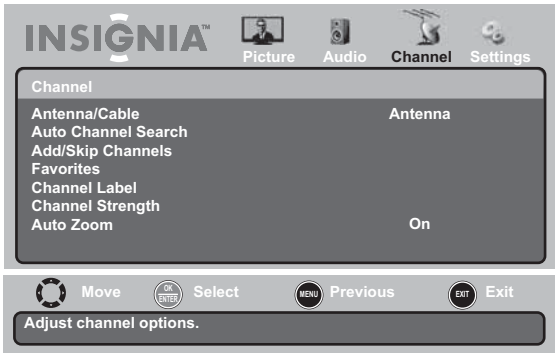
6 Press **EXIT** to close the menu.

Hiding channels

To hide channels:

1 Make sure that you have scanned for channels. For more information, see "Automatically scanning for channels" on page 19.

2 Press **TV MENU**, then press ◄ or ► to highlight the **Channel** icon. The *Channel* menu appears.



3 Press ▼ to access the *Channel* menu.

4 Press ▲ or ▼ to highlight **Add/Skip Channels**, then press ◄ or ►. The *Add/Skip Channels* menu opens.

5 Press ▲ ▼ ◄ or ► to highlight the channel you want to hide, then press **OK/ENTER**.

If the channel has a check mark next to it, the channel is in the channel list. If you delete a channel, the check mark disappears. If you add a channel, a check mark appears.

6 Press **TV MENU** one or more times to return to the previous menu.

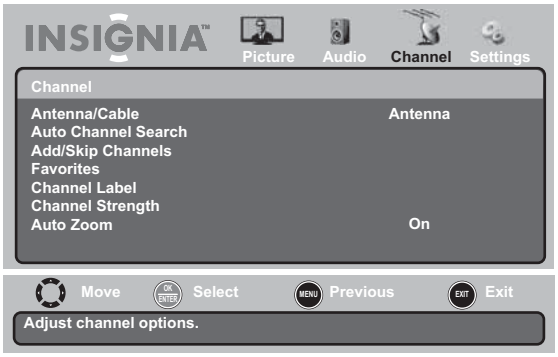
7 Press **EXIT** to close the menu.

Setting up the favorite channel list

You can create a favorite channel list to make it easier to tune to your favorite channels.

To set up the favorite channel list:

1. Press **TV MENU**, then press ◄ or ► to highlight the **Channel** icon. The *Channel* menu appears.



2. Press ▼ to access the *Channel* menu.
3. Press ▲ or ▼ to highlight **Favorites**, then press ◄ or ►. The *Favorite* menu opens.

4. Press ▲ ▼ ◄ or ► to highlight the channel you want to add to the favorite channel list, then press **OK/ENTER**. A check mark appears next to the channel and the channel is add to the favorite channel list.

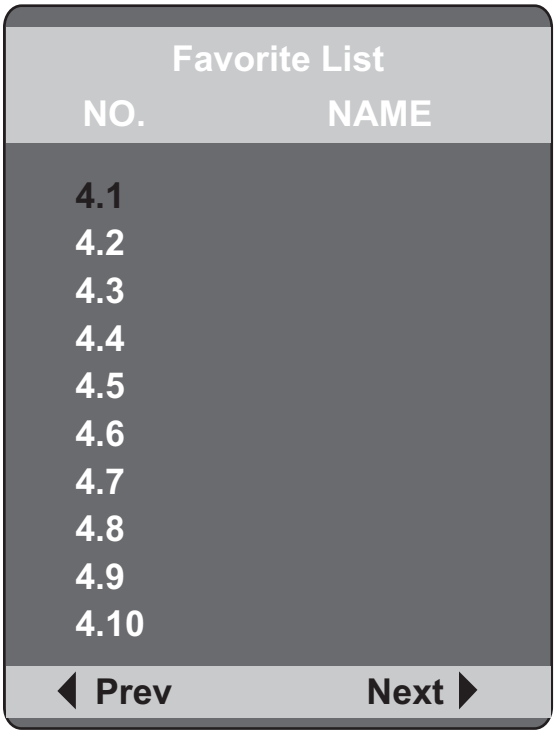
5. Repeat Step 4 to add more channels to the favorite channel list.
6. Press **TV MENU** one or more times to return to the previous menu.
7. Press **EXIT** to close the menu.

Note

Channels that were skipped when you scanned for channels are greyed in the list and cannot be selected.

To select a favorite channel:

1. Press **FAVORITE** one or more times until the favorite channel list appears.



2. Press ▲ or ▼ to select a channel. If the list has more than one page, press ◄ or ► to scroll through the pages.
3. Press **FAVORITE** to close the list and tune to the channel you selected.

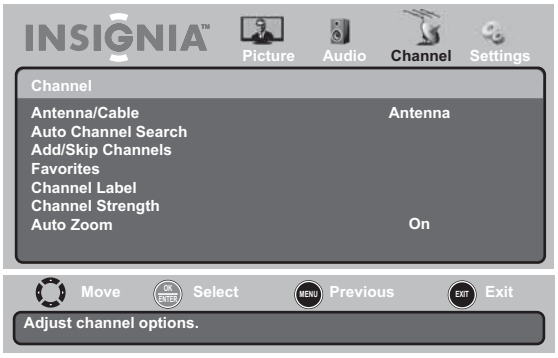
Note

If you have added a label to a channel, the channel label appears next to the channel number in the Favorite list. For more information, see "Adding a channel label" on page Table , "Adding a channel label," on page 22.

Deleting a channel from the favorite channel list

To delete a channel from the favorite channel list:

1. Press **TV MENU**, then press ◄ or ► to highlight the **Channel** icon. The *Channel* menu appears.



2. Press ▼ to access the *Channel* menu.
3. Press ▲ or ▼ to highlight **Favorites**, then press ◄ or ►. The *Favorite* menu opens.

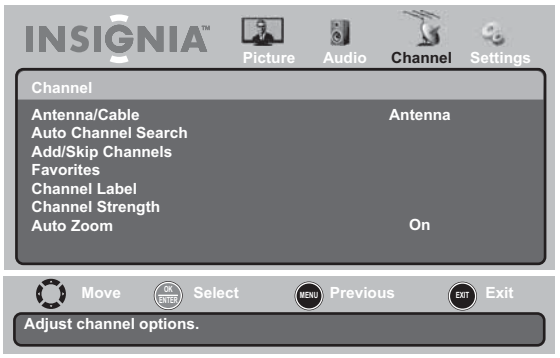
4. Press ▲ ▼ ◄ or ► to highlight the channel you want to delete from the list, then press **OK/ENTER**. The check mark next to the channel disappears and the channel is deleted from the list.
5. Press **TV MENU** one or more times to return to the previous menu.
6. Press **EXIT** to close the menu.

Adding a channel label

You can add a label to a channel to make it easier to identify.

To add a channel label:

1. Press **TV MENU**, then press ◄ or ► to highlight the **Channel** icon. The *Channel* menu appears.



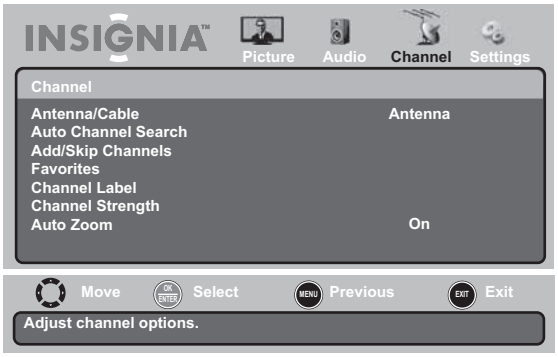
2. Press ▼ to access the *Channel* menu.
3. Press ▲ or ▼ to highlight **Channel Label**, then press ◄ or ►. The *Channel Label* screen opens with **CH** (channel number) highlighted.

4. Press ▲ or ▼ to select the channel you want to label.
5. Press ◄ or ► to move the cursor to the first label character space.
6. Press ▲ or ▼ one or more times to select the first label character, then press ◄ or ► to move to the next character space.
7. Repeat Step 6 to enter more characters.
8. Press ◄ or ► to highlight **Yes**, then press **OK/ENTER**.
9. Press **TV MENU** one or more times to return to the previous menu.
10. Press **EXIT** to close the menu.

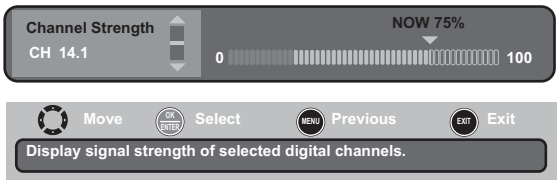
Checking the digital channel strength

To check the digital channel strength:

1. Press **TV MENU**, then press ◄ or ► to highlight the **Channel** icon. The *Channel* menu appears.



2. Press ▼ to access the *Channel* menu.
3. Press ▲ or ▼ to highlight **Channel Strength**, then press ◄ or ►. The channel strength indicator appears.



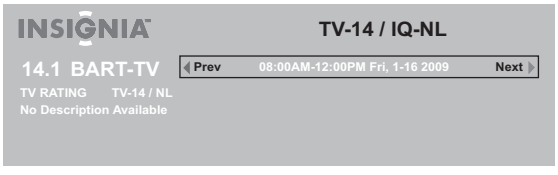
4. Press ▲ or ▼ to select the channel you want and to view the selected channel strength.
5. Press **TV MENU** one or more times to return to the previous menu.
6. Press **EXIT** to close the menu.

Using the electronic program guide

Your TV has an electronic program guide (EPG) that supplies information such as program lists and programs times. In addition, detailed information about the program is often available in the EPG. (The availability and the amount of program details will vary depending on the broadcaster.)

To use the EPG:

1. In digital TV mode, select a channel you want to watch.
2. Press **GUIDE**. The EPG displays information about the channel you selected.



3. Press ◄ or ► to view information about future programs on the selected channel.
4. Press **GUIDE** one or more times to close the EPG.

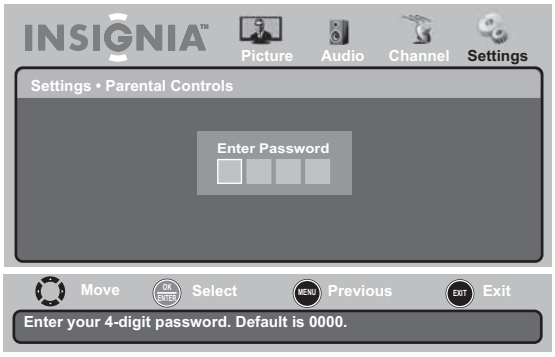
Setting parental controls

Turning parental controls on or off

To turn parental controls on and off:

1. Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2. Press ▼ to access the *Settings* menu.
3. Press ▲ or ▼ to highlight **Parental Controls**, then press ◄ or ►. The *Enter Password* screen opens.



4. Press the number buttons to enter the password. The default password is **0000**. The *Parental Controls* menu opens.

5. Press ▲ or ▼ to select **System Lock**, then press ◄ or ► to select **On** or **Off**. To change the **Input Block**, **US Ratings**, **Canadian Ratings**, **RRT Settings**, or **Reset RRT** option, the **System Lock** must be set to **On**.

6 Press **TV MENU** one or more times to return to the previous menu.

7 Press **EXIT** to close the menu.

Blocking a video input source

You can prevent an external video device from being used by blocking the video input source.

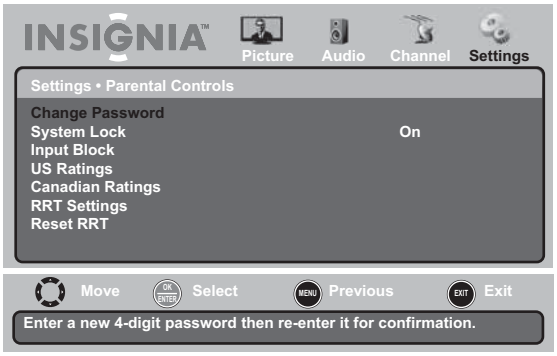
To block a video input source:

1 Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2 Press ▼ to access the *Settings* menu.

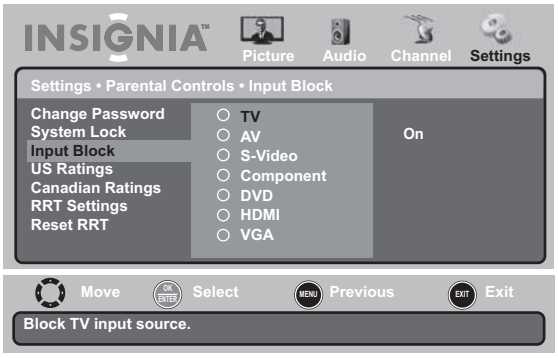
3 Press ▲ or ▼ to highlight **Parental Controls**, then press ◄ or ►. The *Enter Password* screen opens.

4 Press the number buttons to enter the password. The default password is **0000**. The *Parental Controls* menu opens.



5 Press ▲ or ▼ to select **System Lock**, then press ◄ or ► to select **On**. To select the Input Block option, the **System Lock** must be set to **On**.

6 Press ▲ or ▼ to highlight **Input Block**, then press ◄ or ► to open the *Input Block* menu.



7 Press ▲ or ▼ to highlight the video input source you want to block, then press **OK/ENTER**. A lock icon appears next to the video input source. When you press INPUT and select the blocked video input source, the screen turns black and "Input is blocked!" appears.

Note

To unblock a video input source, select the input source, then press **OK/ENTER** until the lock icon disappears.

8 Press **TV MENU** one or more times to return to the previous menu.

9 Press **EXIT** to close the menu.

Blocking U.S. TV programs

U.S. TV program ratings

Rating	Description
TV-Y	All children
TV-Y7	Children over 7 years of age
TV-G	General audiences
TV-PG	Parental guidance suggested
TV-14	Parents strongly cautioned
TV-MA	Mature audiences only

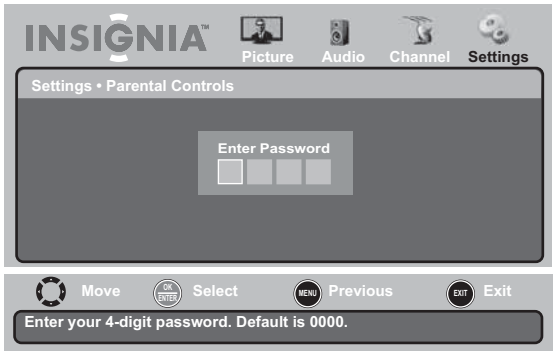
Some of the age-based TV ratings also have content-based ratings.

Rating	Description
FV	Fantasy violence
L	Adult language
S	Sexual situations
V	Violence
D	Sexually suggestive dialog

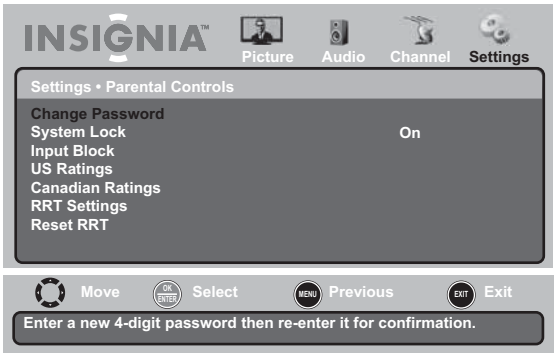
To block U.S. TV programs:

1. Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

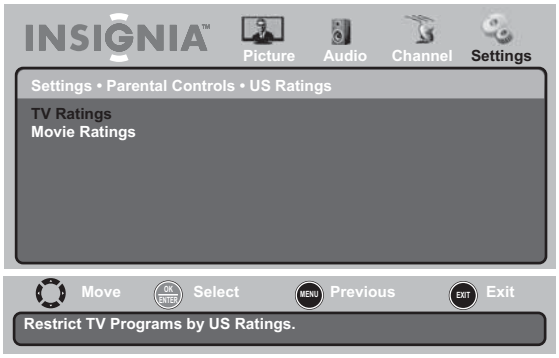
2. Press ▼ to access the *Settings* menu.
3. Press ▲ or ▼ to highlight **Parental Controls**, then press ◄ or ►. The *Enter Password* screen opens.



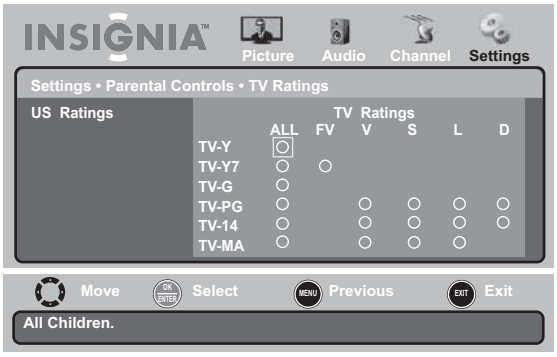
4. Press the number buttons to enter the password. The default password is **0000**. The *Parental Controls* menu opens.



5. Press ▲ or ▼ to select **System Lock**, then press ◄ or ► to select **On**. To select the **US Ratings** option, the **System Lock** must be set to **On**.
6. Press ▲ or ▼ to highlight **US Ratings**, then press ◄ or ► to open the *US Ratings* menu.



7. Press ▲ or ▼ to highlight **TV Ratings**, then press ◄ or ► to open the *TV Ratings* menu.



8. Press ▲ ▼ ◄ or ► to highlight the TV rating you want to block, then press **OK/ENTER**. A lock icons appears next to the rating you block. That rating and all higher ratings are blocked.

Note

To unblock a rating, select the rating, then press **OK/ENTER** until the lock icon disappears.

9. Press **TV MENU** one or more times to return to the previous menu.
10. Press **EXIT** to close the menu.

Note

If the **System Lock** is not set to **On**, the ratings you set do not work. For more information, see "Turning parental controls on or off" on page 23.

You can view blocked programs by entering the password. This temporarily switches off the **System Lock**. Switch the channel or source to reactivate the system lock.

Blocking movies

Movie ratings

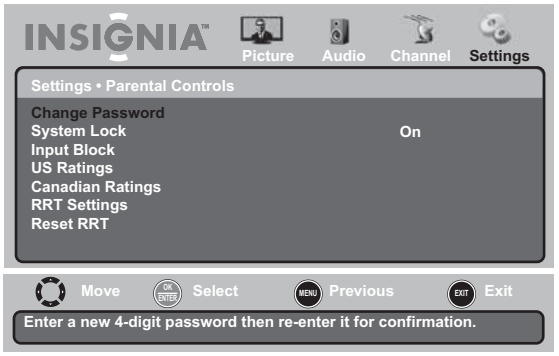
Rating	Description
G	General audiences.
PG	Parental guidance suggested. Some material may not be suitable for children.
PG-13	Parental guidance strongly suggested. Some material may not be suitable for children under 13 years of age.
R	Restricted. Not suitable for children under 17 years of age unless accompanied by a parent or guardian.
NC-17	Not suitable for children under 17 years of age.
X	Adults only.
None	Not rated.

To block movies:

1. Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2. Press ▼ to access the *Settings* menu.
3. Press ▲ or ▼ to highlight **Parental Controls**, then press ◄ or ►. The *Enter Password* screen opens.

4. Press the number buttons to enter the password. The default password is **0000**. The *Parental Controls* menu opens.



5. Press ▲ or ▼ to select **System Lock**, then press ◄ or ► to select **On**. To the **US Ratings** option, the **System Lock** must be set to **On**.
6. Press ▲ or ▼ to highlight **US Ratings**, then press ◄ or ► to open the *US Ratings* menu.

7. Press ▲ or ▼ to highlight **Movies Ratings**, then press ◄ or ► to open the *Movie Ratings* menu.

8. Press ▲ or ▼ to highlight the movie rating you want to block, then press **OK/ENTER**. A lock icons appears next to the rating you block. That rating and all higher ratings are blocked.

Note

To unblock a rating, select the rating, then press **OK/ENTER** until the lock icon disappears.

9 Press **TV MENU** one or more times to return to the previous menu.

10 Press **EXIT** to close the menu.

Note

If the **System Lock** is not set to **On**, the ratings you set do not work. For more information, see "Turning parental controls on or off" on page 23.

You can view blocked programs by entering the password. This temporarily switches off the system lock. Switch the channel or source to reactivate the system lock.

Blocking Canadian TV programs

Canadian English ratings

Rating	Description
C	Children
C8+	Children 8 years and above
G	General audiences
PG	Parental guidance suggested
14+	14 years and older
18+	Adult programming
E (Exempt)	Not rated

Canadian French ratings

Rating	Description
G	Children
8ans+	Children 8 years and older
13ans+	Children 13 years and older
16ans+	Children 16 years and older
18ans+	Adult programming
E (Exempt)	Not rated

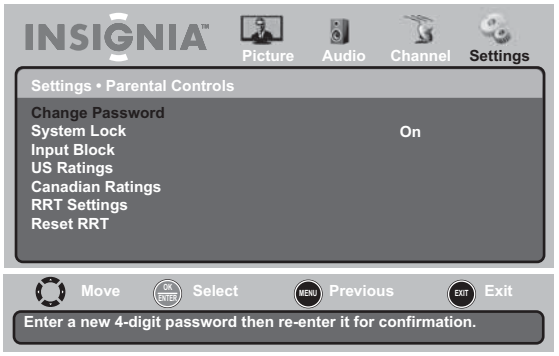
To block Canadian TV programs:

1 Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2 Press ▼ to access the *Settings* menu.

3 Press ▲ or ▼ to highlight **Parental Controls**, then press ◄ or ►. The *Enter Password* screen opens.

4 Press the number buttons to enter the password. The default password is **0000**. The *Parental Controls* menu opens.



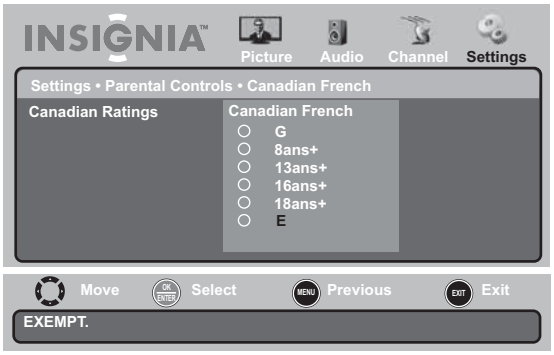
5 Press ▲ or ▼ to select **System Lock**, then press ◄ or ► to select **On**. To select the **Canadian Ratings** option, the **System Lock** must be set to **On**.

6 Press ▲ or ▼ to highlight **Canadian Ratings**, then press ◄ or ► to open the *Canadian Ratings* menu.

7 Press ▲ or ▼ to highlight **Canadian English** or **Canadian French**, then press ◄ or ► to open the *Canadian English* or *Canadian French* menu.

Canadian English

Canadian French



8 Press ▲ or ▼ to select the rating you want to block, then press **OK/ENTER**. A lock icon appears next to the rating. That rating and all higher ratings are blocked.

Note

To unblock a rating, select the rating, then press **OK/ENTER** until the lock icon disappears.

9 Press **TV MENU** one or more times to return to the previous menu.

10 Press **EXIT** to close the menu.

Note

If the **System Lock** is not set to **On**, the ratings you set do not work. For more information, see "Turning parental controls on or off" on page 23.

You can view blocked programs by entering the password. This temporarily switches off the **System Lock**. Switch the channel or source to reactivate the system lock.

Using downloaded rating information

The V-Chip recognizes the current Rating Region Tables (RRT), which is communicated as part of the Program and System Information Protocol (PSIP). It depends on broadcasts which could communicate a new rating system through the PSIP that both the chip and a TV's software can understand. With the RRT setting, program blocking occurs when a program rating is received that meets the preset rating block.

Changing the password

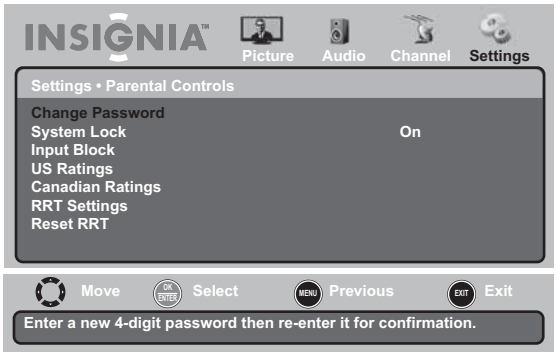
To change the password:

1 Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2 Press ▼ to access the *Settings* menu.

3 Press ▲ or ▼ to highlight **Parental Controls**, then press ◄ or ►. The *Enter Password* screen opens.

4 Press the number buttons to enter the password. The default password is **0000**. The *Parental Controls* menu opens.



5 Press ▲ or ▼ to highlight **Change Password**, then press ◄ or ► to open the *Change Password* screen.

6 Press the number buttons to enter the new password, the enter the new password again to confirm.

7 Press **TV MENU** one or more times to return to the previous menu.

8 Press **EXIT** to close the menu.

Using closed captioning

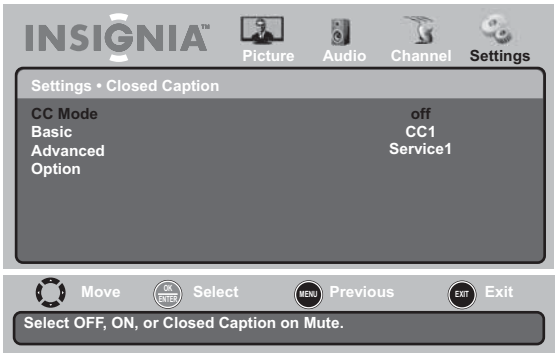
Selecting the closed captioning mode

To select the closed captioning mode:

1 Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2 Press ▼ to access the *Settings* menu.

3 Press ▲ or ▼ to highlight **Closed Caption**, then press ◄ or ► to open the *Closed Caption* menu.



4 Press ▲ or ▼ to highlight a setting, then press ◄ or ► to adjust the setting or open a settings menu. If another menu opens, press ▲ ▼ ◄ or ► to adjust the setting. You can select:

- **CC Mode**—You can select **Off**, **On**, or **CC On Mute**.
- **Basic**—You can select **Off**, **CC1** through **CC4**, or **Text1** through **Text4**.
- **Advanced** (DTV only)—You can select **Off** or **Service1** through **Service6**.
- **Option** (DTV only)—Sets the closed captioning styles for DTV. For more information, see "Setting closed captioning styles" on page 29.

5 Press **TV MENU** one or more times to return to the previous menu.

6 Press **EXIT** to close the menu.

Setting closed captioning styles

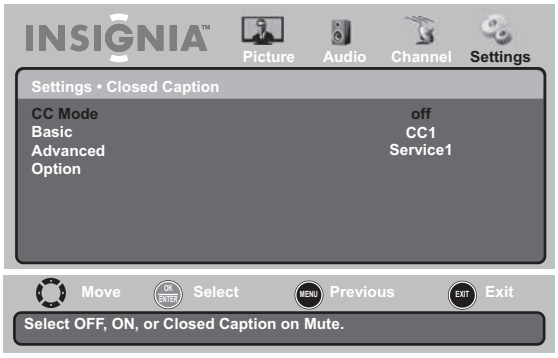
In **DTV** mode, you can change the way closed captioning looks.

To set closed captioning styles:

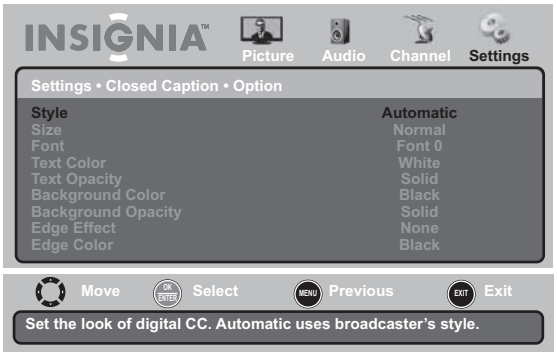
1 Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2 Press ▼ to access the *Settings* menu.

3 Press ▲ or ▼ to highlight **Closed Caption**, then press ◄ or ► to open the *Closed Caption* menu.



4 Press ▲ or ▼ to highlight **Option**, then press ◄ or ► to open the *Option* menu.



5 Press ▲ or ▼ to select a style, then press ◄ or ► to adjust the setting. You can select:

- **Style**—You can select **Automatic** or **Custom**. If you select **Automatic**, the other settings are not available.
- **Size**—Selects the font size. You can select **Small**, **Normal** (Default) or **Large**.
- **Font**—Selects the font style.
- **Text Color**—You can select **Black**, **White** (Default), **Red**, **Blue**, **Green**, **Yellow**, **Magenta**, or **Cyan**.
- **Text Opacity**—You can select **Solid** (Default), **Flashing**, **Translucent**, or **Transparent**.
- **Background Color**—You can select **Black** (Default), **White**, **Red**, **Blue**, **Green**, **Yellow**, **Magenta**, or **Cyan**.
- **Background Opacity**—You can select **Solid** (Default), **Flashing**, **Translucent**, or **Transparent**.
- **Edge Effect**—You can select **None** (Default), **Raised**, **Depressed**, **Uniform**, **Left Shadow**, or **Right Shadow**.
- **Edge Color**—You can select **Black** (Default), **White**, **Red**, **Blue**, **Green**, **Yellow**, **Magenta**, or **Cyan**.

6 Press **TV MENU** one or more times to return to the previous menu.

7 Press **EXIT** to close the menu.

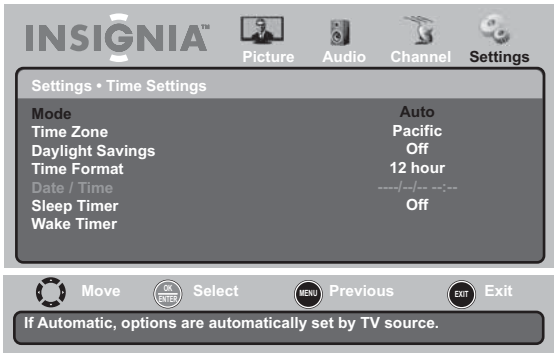
Adjusting time settings

To adjust time settings:

1 Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2 Press ▼ to access the *Settings* menu.

3 Press ▲ or ▼ to highlight **Time**, then press ◄ or ► to open the *Time Settings* menu.



4 Press ▲ or ▼ to highlight a setting, then press ◄ or ► to adjust the setting. You can select:

- **Mode**—You can select **Auto** or **Custom**. If you select **Auto**, the date and time are set automatically using information from a digital channel that broadcasts time information. If you select **Custom**, you can manually set the date and time. For more information, see "Manually setting the current date and time" on page 31.
- **Time Zone**—You can select **Atlantic**, **Eastern**, **Central**, **Mountain**, **Pacific**, **Alaska**, or **Hawaii**.
- **Daylight Savings**—You can select **On** or **Off**.
- **Time Format**—You can select **12 hour** or **24 hour**.
- **Date/Time**—Displays the date and time.
- **Sleep Timer**—For more information, see "Setting the sleep timer" on page 31.
- **Wake Timer**—For more information, see "Setting the wake timer" on page 32.

5 Press **TV MENU** one or more times to return to the previous menu.

6 Press **EXIT** to close the menu.

Note

- If a power failure occurs or the TV is unplugged, all the times are reset.
- The **Date/Time** option only displays the time when your TV/DVD combo is on a digital channel and time information is available.

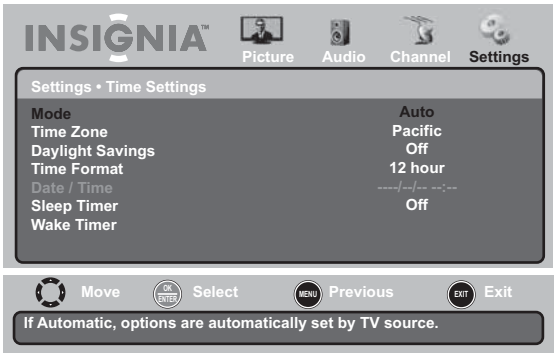
Manually setting the current date and time

You can manually set the current date and time.

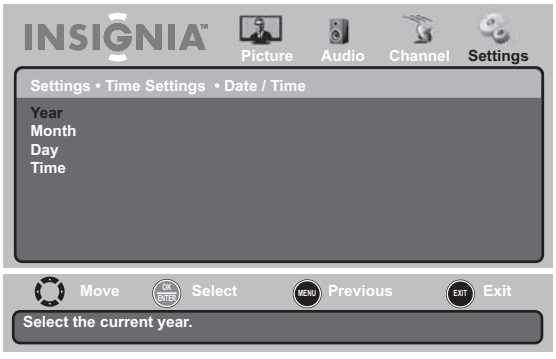
To manually set the current date and time:

1. Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2. Press ▼ to access the *Settings* menu.
3. Press ▲ or ▼ to highlight **Time**, then press ◄ or ► to open the *Time Settings* menu.



4. Press ▲ or ▼ to highlight **Mode**, then press ◄ or ► to select **Custom**.
5. Press ▲ or ▼ to highlight **Date/Time**, then press ◄ or ► to open the *Date/Time* screen.



6. Press ▲ or ▼ to highlight a setting, then press ◄ or ► to open a setting menu. You can select:
   - **Year**—Press ▲ or ▼ to set the current year.
   - **Month**—Press ▲ or ▼ to set the current month.
   - **Day**—Press ▲ or ▼ to set the current day.
   - **Time**—Press ◄ or ► to move the cursor from field to field, then press ▲ or ▼ to change the value in the field.
7. Press **TV MENU** one or more times to return to the previous menu.
8. Press **EXIT** to close the menu.

Setting the sleep timer

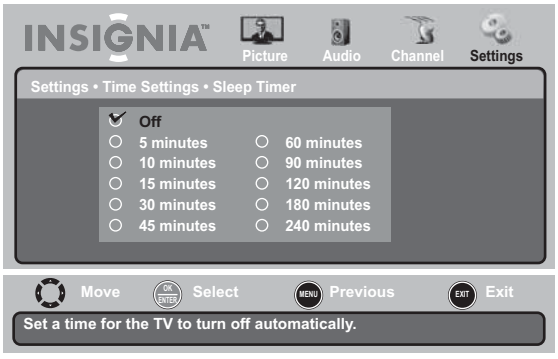
The sleep timer lets you select the amount of time you want your TV/DVD combo to wait before it automatically turns off.

To set the sleep timer:

1. Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2. Press ▼ to access the *Settings* menu.
3. Press ▲ or ▼ to highlight **Time**, then press ◄ or ► to open the *Time Settings* menu.

4. Press ▲ or ▼ to highlight **Sleep Timer**, then press ◄ or ► to open the *Sleep Timer* menu.



5. Press ▲ ▼ ◄ or ► to select the amount of time you want your TV/DVD combo to wait before it automatically turns off.

6 Press **TV MENU** one or more times to return to the previous menu.

7 Press **EXIT** to close the menu.

Note

Sixty (60) seconds before the sleep timer turns off your TV/DVD combo, the sleep timer counts down and shows the remaining seconds until the timer turns off the TV/DVD combo.

Setting the wake timer

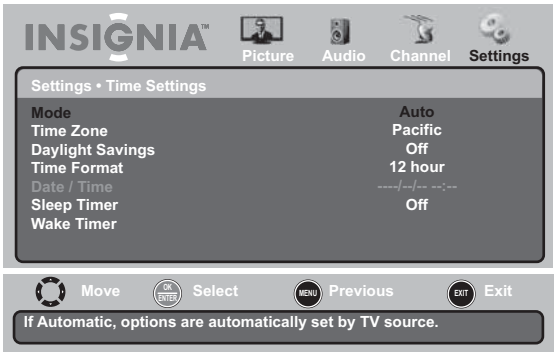
You can set the wake time to automatically turn on your TV/DVD combo at a specific date and time.

To set the wake timer:

1 Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* appears opens.

2 Press ▼ to access the *Settings* menu.

3 Press ▲ or ▼ to highlight **Time**, then press ◄ or ► to open the *Time Settings* menu.



4 Press ▲ or ▼ to highlight **Wake Timer**, then press ◄ or ► to open the *Wake Timer* screen.

5 Press ▲ or ▼ to highlight a setting, then press ◄ or ► to open a setting menu. You can select:

- **Year**—Press ▲ or ▼ to set the year.
- **Month**—Press ▲ or ▼ to set the month.
- **Day**—Press ▲ or ▼ to set the day.
- **Time**—Press ◄ or ► to move the cursor from field to field, then press ▲ or ▼ to change the value in the field.

6 Press **TV MENU** one or more times to return to the previous menu.

7 Press **EXIT** to close the menu.

Adjusting menu settings

Selecting the menu language and transparency

To select the menu language and transparency:

1 Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2 Press ▼ to access the *Settings* menu.

3 Press ▲ or ▼ to highlight **Menu Settings**, then press ◄ or ► to open the *Menu Settings* menu.

4 Press ▲ or ▼ to highlight a setting, press ◄ or ► to open a setting menu, then press ▲ ▼ ◄ or ► to adjust the setting. You can select:

- **Transparency**—Adjust the menu transparency.
- **Language**—Select the menu language. You can select **English**, **Français**, or **Español**.

5 Press **TV MENU** one or more times to return to the previous menu.

6 Press **EXIT** to close the menu.

Changing video input labels

You can change the video input labels to make them easier to identify. The labels appear when you press **INPUT** to select the video input source.

To change the video input labels:

1. Press **TV MENU**, then press ◄ or ► to highlight the **Settings** icon. The *Settings* menu appears.

2. Press ▼ to access the *Settings* menu.
3. Press ▲ or ▼ to highlight **Input Labels**, then press ◄ or ► to open the *Input Labels* screen. When the screen opens, the **Input Source** column is highlighted.

4. Press ▲ or ▼ to highlight the video input source you want to label.
5. Press ◄ or ► to move the cursor to the **New Label** column, then press ▲ or ▼ to highlight a label for the input source.
6. Press ◄ or ► to highlight **Yes**, then press **OK/ENTER**. The label is changed.
7. Press **TV MENU** one or more times to return to the previous menu.
8. Press **EXIT** to close the menu.

Using the DVD player

Playing a DVD

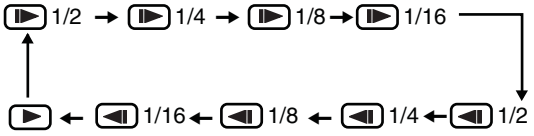
To play a DVD:

1. Press ⏻ **POWER** to turn on your TV/DVD combo.
2. Press **INPUT**, press ▲ or ▼ to highlight **DVD**, then press **OK/ENTER**. You can also press **DVD** on the remote control to select DVD mode. The DVD startup screen appears.

Note

Playback starts automatically if a DVD is already loaded.

3. Insert a DVD into the disc slot, with the label facing forward. The DVD player reads the DVD and displays the opening menu.
4. Press ▲ ▼ ◄ or ► to highlight a menu item, then press **OK/ENTER**.
5. During playback:
   - Press ⏯ (play/pause) to pause playback. Press it again to resume playback.
   - Press ⏪ to fast-reverse or ⏩ to fast-forward.
   - Press ⏮ once to skip to the beginning of the current chapter. When you press ⏮ twice, playback skips to the beginning of the previous chapter.
   - Press ⏭ to skip to the beginning of the next chapter.
   - Press **SLOW** to play in slow motion (forward or reverse). Each time you press this button the slow-motion speed changes. To resume normal playback, press **OK/ENTER**.



   - To completely stop DVD playback, press ■ **STOP** twice.
6. Press ⏏ to eject the DVD.

Playing an audio CD

To play an audio CD:

1. Press ⏻ **POWER** to turn on your TV/DVD combo.
2. Press **INPUT**, press ▲ or ▼ to highlight **DVD**, then press **OK/ENTER**. You can also press **DVD** on the remote control to select DVD mode. The DVD startup screen appears.

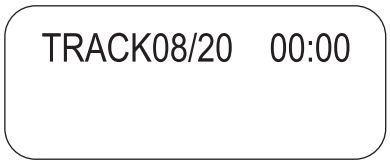
Note

Playback starts automatically if a CD is already loaded.

3. Insert a CD into the disc slot, with the label facing forward.

4 During playback:

- Press ⏯ (play/pause) to pause playback.
- Press ■ **STOP** to stop playback.
- Press ⏮ once after two seconds of playback to skip to the beginning of the current track. Press ⏮ once within the first two seconds of playback to skip to the beginning of the previous track. Press ⏮ twice to skip to the beginning of the previous track.
- Press ⏭ to skip to the beginning of the next track.
- Press the number buttons to enter the track number of a specific track you want to play, then press **OK/ENTER**.



5 Press ⏏ to eject the CD.

Using DVD repeat play

You can repeat chapters, titles, or the entire DVD.

To use repeat play:

1 While the DVD is playing, press **REPEAT** one or more times to select:
- **CHAPTER**—Repeats the current chapter.
- **TITLE**—Repeats the current title.
- **ALL**—Repeats the entire DVD.

2 To stop repeat playback, do one of the following:
- Press **REPEAT** until **ALL** disappears from the screen.
- Press ■ **STOP** twice.
- Eject the DVD.

Using CD repeat play

You can repeat tracks or the entire CD.

To use repeat play:

1 While the CD is playing, press **REPEAT** one or more times to select:
- **TRACK**—Repeats the current track.
- **ALL**—Repeats the entire track.

2 To stop repeat playback, do one of the following:
- Press **REPEAT** until **ALL** disappears from the screen.
- Press ■ **STOP** twice.
- Eject the CD.

Using a DVD title menu

If a DVD has two or more titles and the DVD has a title menu, you can use the menu to select the title you want to play.

To use a DVD title menu:

1 While the DVD is playing, press **DVD/TITLE**.

2 Press ▲ ▼ ◀ or ▶ to highlight a title, then press **OK/ENTER** to start playback.

Creating a playback loop

To create a playback loop:

1 Play the disc until it reaches the starting point for the loop, then press **A-B**.

2 Play the disc until it reaches the stopping point for the loop, then press **A-B**. The DVD player plays the loop.

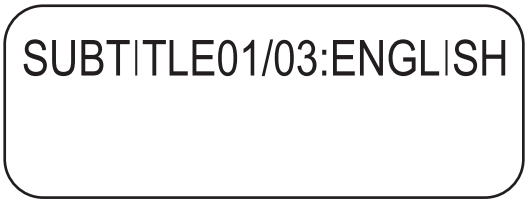
3 To resume normal playback, press **A-B** again.

Selecting the subtitle language

If a DVD has subtitles in multiple languages, you can change the subtitle language.

To change the subtitle language:

1 Press **SUBTITLE** one or more times to cycle through the available subtitle languages.



2 To turn off subtitles, press **SUBTITLE** until **TURN OFF SUBTITLE** appears on the screen.

Note

Changing the subtitle language using this method only affects the DVD currently being played. When the DVD is removed or your TV/DVD combo is turned off, the subtitle language reverts to the language setting specified through the DVD player's main menu.

Tip

The subtitle language can also be changed through the DVD player's main menu or the DVD's own subtitle settings.

Using a DVD menu

If a DVD has a menu, you can use the menu to select features such as the subtitle or audio language.

To use a DVD menu:

1. While the DVD is playing, press **DVD/MENU**.
2. Press ▲ ▼ ◄ or ► to highlight a feature, then press **OK/ENTER**.

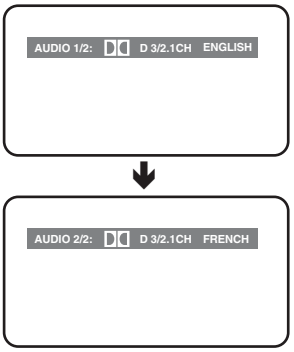
   If another menu screen opens, repeat Step 2 to select a feature.

Changing the DVD audio language

If a DVD has multiple audio languages, you can change the language.

To change the DVD audio language:

1. Press ○))) **AUDIO**. The on-screen display (OSD) shows the current audio language.
2. If multiple audio languages are available, press ○))) **AUDIO** one or more times to cycle through the available languages.



Note

This feature only works if the DVD was created with multiple audio languages. When you choose an audio language, you temporarily override the audio language setting.

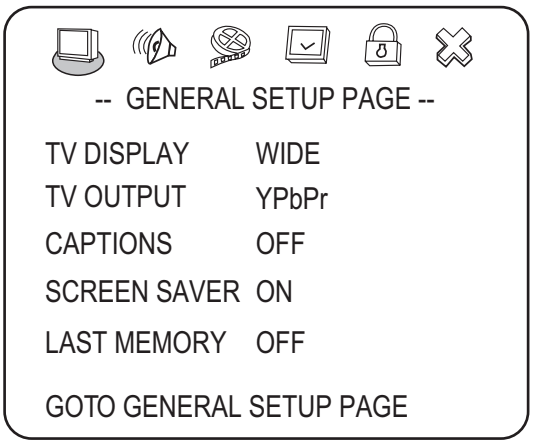
Note

The audio language can also be changed through the DVD player's main menu or the DVD's own audio settings.

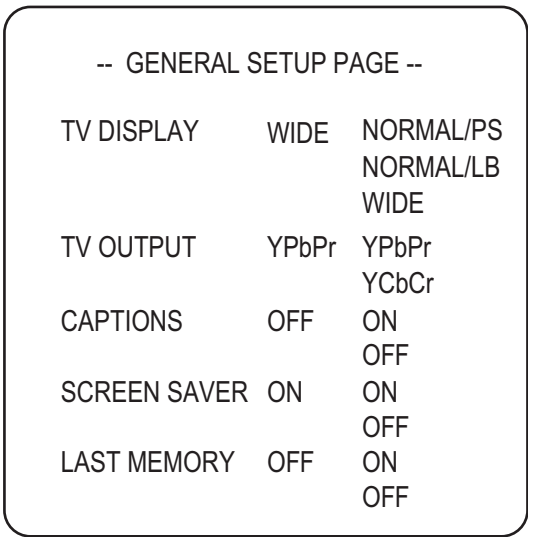
Turning DVD captions on or off

To turn DVD captions on or off:

1. While your TV/DVD combo is in DVD mode, press **SETUP**. The icon is highlighted.



2. Press **OK/ENTER**. The *GENERAL SETUP PAGE* opens.

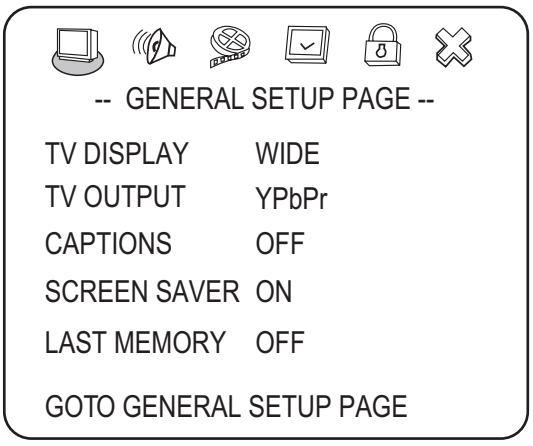

-- GENERAL SETUP PAGE --
TV DISPLAY WIDE NORMAL/PS NORMAL/LB WIDE
TV OUTPUT YPbPr YPbPr YCbCr
CAPTIONS OFF ON OFF
SCREEN SAVER ON ON OFF
LAST MEMORY OFF ON OFF

3. Press ▲ or ▼ to highlight **CAPTIONS**, then press **OK/ENTER**.
4. Press ▲ or ▼ to highlight **ON** or **OFF**, then press **OK/ENTER**.
5. Press ◄ one or more times to go back to the previous menu.
6. To close the menu, press ◄ to highlight the icon, then press **OK/ENTER**.

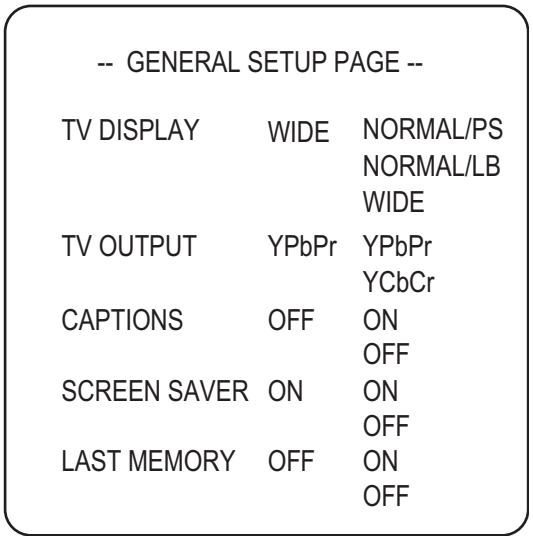
Changing the DVD display mode

To change the DVD display mode:

1 While your TV/DVD combo is in DVD mode, press **SETUP**. The icon is highlighted.



2 Press **OK/ENTER**. The *GENERAL SETUP PAGE* opens.

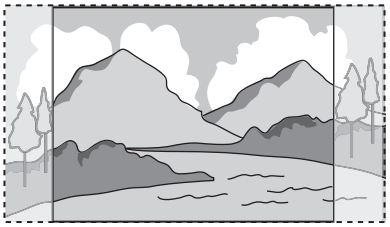

-- GENERAL SETUP PAGE --
TV DISPLAY WIDE NORMAL/PS NORMAL/LB WIDE
TV OUTPUT YPbPr YPbPr YCbCr
CAPTIONS OFF ON OFF
SCREEN SAVER ON ON OFF
LAST MEMORY OFF ON OFF

3 Press ▲ or ▼ to highlight **TV DISPLAY**, then press **OK/ENTER**.

4 Press ▲ or ▼ to highlight the display mode you want, then press **OK/ENTER**. You can select:

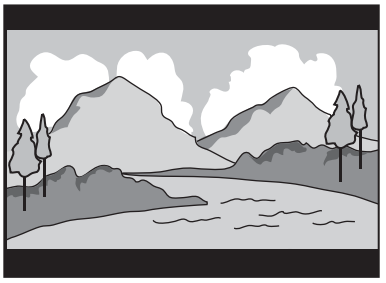
NORMAL/PS

Widescreen images are shown on the screen with the sides of the image cropped.



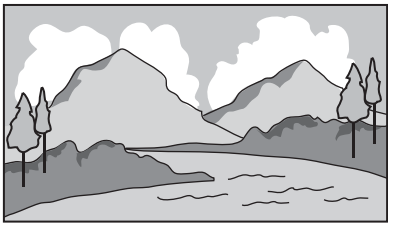
NORMAL/LB

Widescreen images are shown on the screen with black bars on the top and bottom of the screen.



WIDE

Widescreen images fill the entire screen.



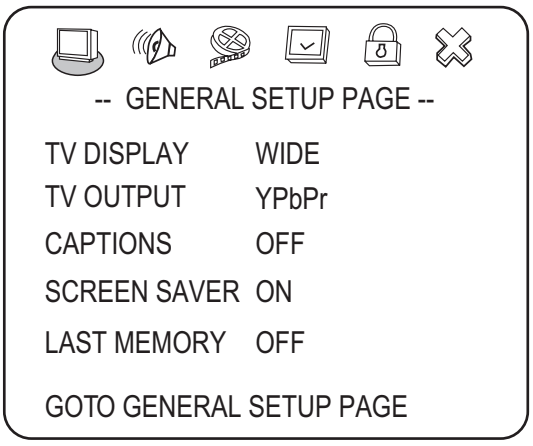
5 Press ◄ one or more times to go back to the previous menu.

6 To close the menu, press ◄ to highlight the icon, then press **OK/ENTER**.

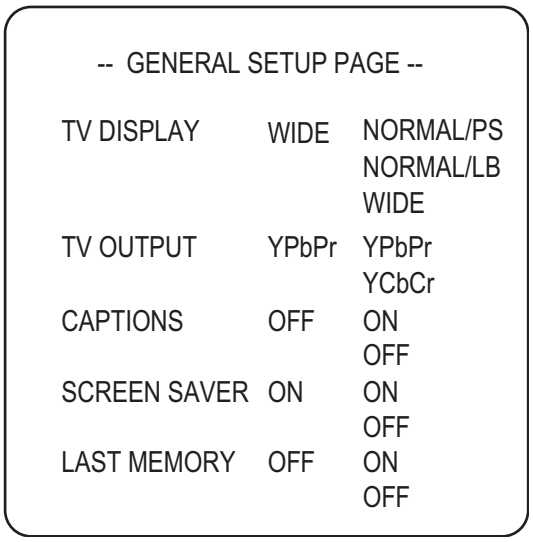
Setting up the TV output

To set up the TV output:

1 While your TV/DVD combo is in DVD mode, press **SETUP**. The icon is highlighted.



2 Press **OK/ENTER**. The *GENERAL SETUP PAGE* opens.


-- GENERAL SETUP PAGE --
TV DISPLAY WIDE NORMAL/PS NORMAL/LB WIDE
TV OUTPUT YPbPr YPbPr YCbCr
CAPTIONS OFF ON OFF
SCREEN SAVER ON ON OFF
LAST MEMORY OFF ON OFF

3 Press ▲ or ▼ to highlight **TV OUTPUT**, then press **OK/ENTER**.

4 Press ▲ or ▼ to highlight **YPbPr** or **YCbCr**, then press **OK/ENTER**.

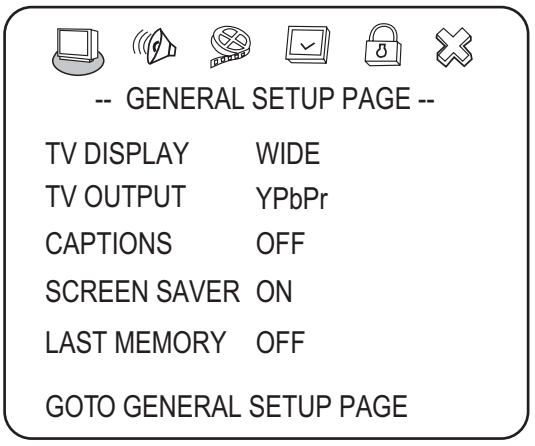
5 Press ◄ one or more times to go back to the previous menu.

6 To close the menu, press ◄ to highlight the icon, then press **OK/ENTER**.

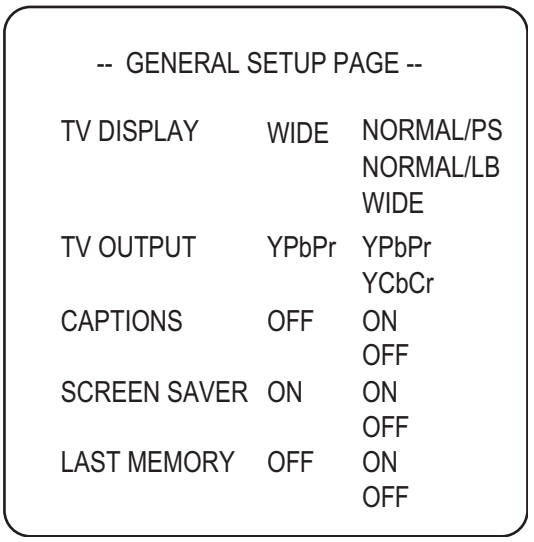
Turning the screen saver on and off

To turn the screen saver on and off:

1 While your TV/DVD combo is in DVD mode, press **SETUP**. The icon is highlighted.



2 Press **OK/ENTER**. The *GENERAL SETUP PAGE* opens.


-- GENERAL SETUP PAGE --
TV DISPLAY WIDE NORMAL/PS NORMAL/LB WIDE
TV OUTPUT YPbPr YPbPr YCbCr
CAPTIONS OFF ON OFF
SCREEN SAVER ON ON OFF
LAST MEMORY OFF ON OFF

3 Press ▲ or ▼ to highlight **SCREEN SAVER**, then press **OK/ENTER**.

4 Press ▲ or ▼ to highlight **ON** or **OFF**, then press **OK/ENTER**.

5 Press ◄ one or more times to go back to the previous menu.

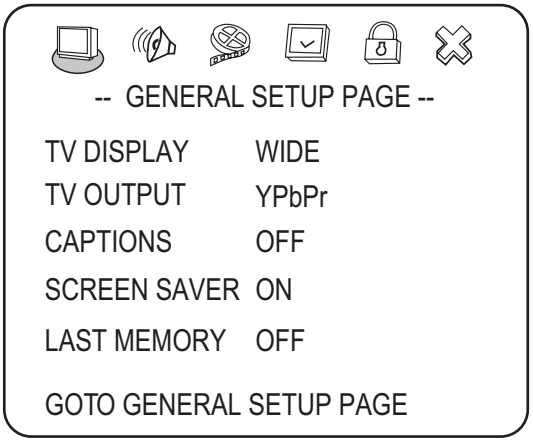
6 To close the menu, press ◄ to highlight the icon, then press **OK/ENTER**.

Using DVD last memory

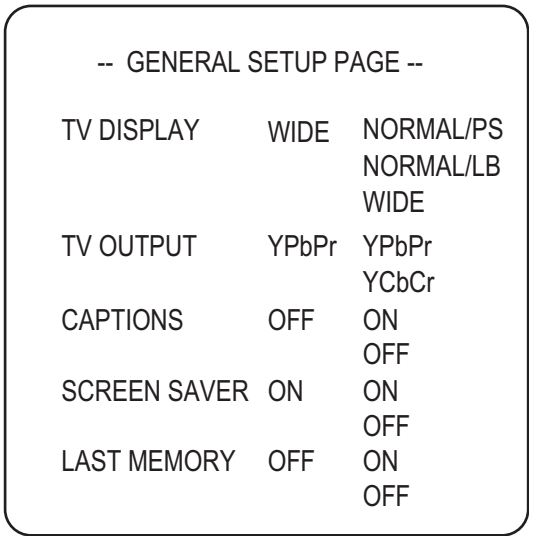
Your DVD/TV combo can remember where a DVD stops playing when you turn off your TV/DVD combo. When you turn on your TV/DVD combo and start playback, playback resumes at the point where it was stopped.

To use DVD last memory:

1. While your TV/DVD combo is in DVD mode, press **SETUP**. The icon is highlighted.



2. Press **OK/ENTER**. The *GENERAL SETUP PAGE* opens.

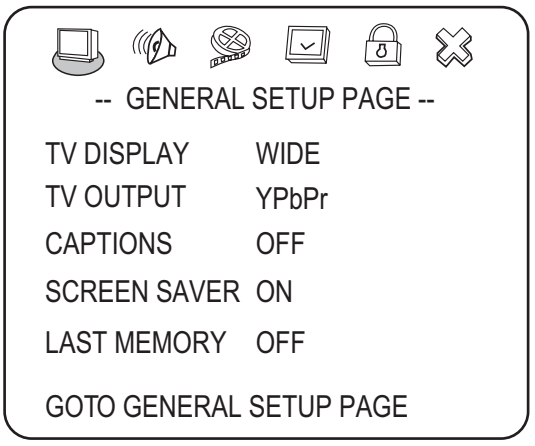

-- GENERAL SETUP PAGE --
TV DISPLAY WIDE NORMAL/PS NORMAL/LB WIDE
TV OUTPUT YPbPr YPbPr YCbCr
CAPTIONS OFF ON OFF
SCREEN SAVER ON ON OFF
LAST MEMORY OFF ON OFF

3. Press ▲ or ▼ to highlight **LAST MEMORY**, then press **OK/ENTER**.
4. Press ▲ or ▼ to highlight **ON** or **OFF**, then press **OK/ENTER**.
5. Press ◄ one or more times to go back to the previous menu.
6. To close the menu, press ◄ to highlight the icon, then press **OK/ENTER**.

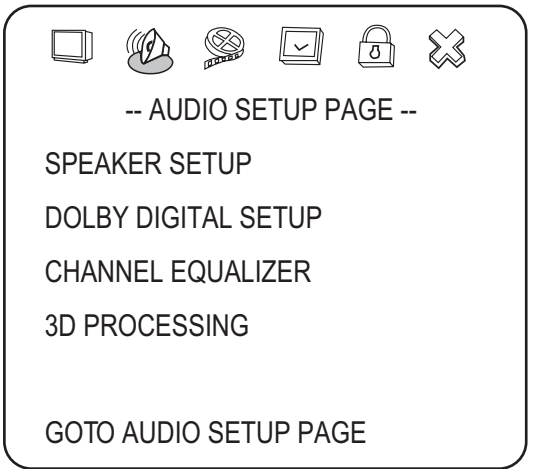
Setting up DVD speaker output

To set up DVD speaker output:

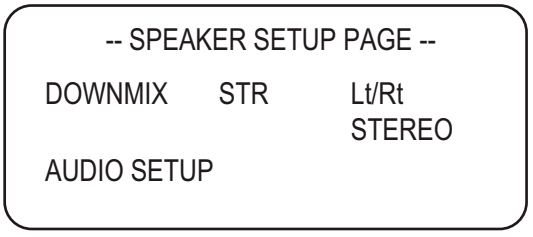
1. While your TV/DVD combo is in DVD mode, press **SETUP**. The icon is highlighted.



2. Press ◄ or ► to highlight (audio), then press **OK/ENTER**. The *AUDIO SETUP PAGE* opens.



3. Press ▲ or ▼ to highlight **SPEAKER SETUP**, then press **OK/ENTER**. The second *SPEAKER SETUP PAGE* opens.



4. Press ▲ or ▼ to highlight **DOWNMIX**, then press **OK/ENTER**.
5. Press ▲ or ▼ to highlight **Lt/Rt** or **STEREO**, then press **OK/ENTER**.
   - **Lt/Rt**—On a disc recorded with a multichannel soundtrack, the output signal is incorporated into the left and right channels.
   - **STEREO**—On a disc recorded with a multichannel soundtrack, the output signal is incorporated into stereo.

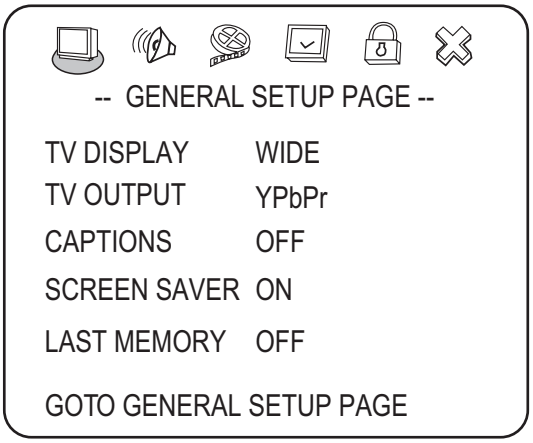
6 Press ◄ one or more times to go back to the previous menu.

7 To close the menu, press ◄ to highlight the icon, then press **OK/ENTER**.

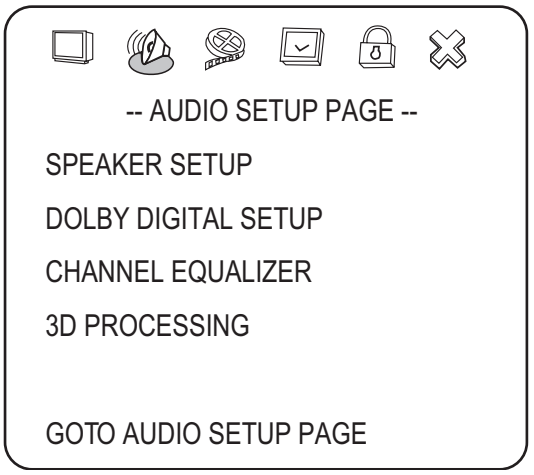
Setting up DVD Dolby Digital

To set up DVD Dolby Digital:

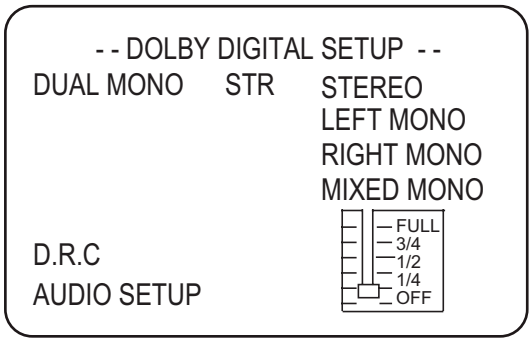
1 While your TV/DVD combo is in DVD mode, press **SETUP**. The icon is highlighted.



2 Press ◄ or ► to highlight (audio), then press **OK/ENTER**. The *AUDIO SETUP PAGE* opens.



3 Press ▲ or ▼ to highlight **DOLBY DIGITAL SETUP**, then press **OK/ENTER**. The *DOLBY DIGITAL SETUP PAGE* opens.



4 Press ▲ or ▼ to highlight **DUAL MONO** or **D.R.C.**, then press **OK/ENTER**.

- **DUAL MONO**—Output mode for the left and right signals for the selected audio output. If you set this setting to **MIXED MONO**, the setting only works when the DVD uses 5.1-channel sound.
- **D.R.C.**—Adjusts the linear compression rate to obtain different compression results for the signals.

5 Press ▲ or ▼ to highlight **STEREO**, **LEFT MONO**, **RIGHT MONO**, or **MIXED MONO**, then press **OK/ENTER**.

6 Press ▲ or ▼ to change the setting, then press **OK/ENTER**.

7 Press ◄ one or more times to go back to the previous menu.

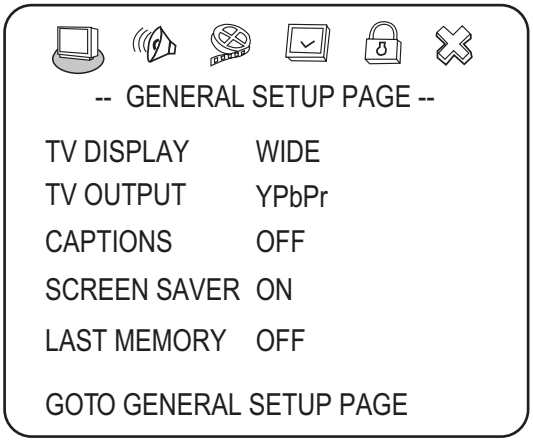
8 To close the menu, press ◄ to highlight the icon, then press **OK/ENTER**.

Using the DVD equalizer

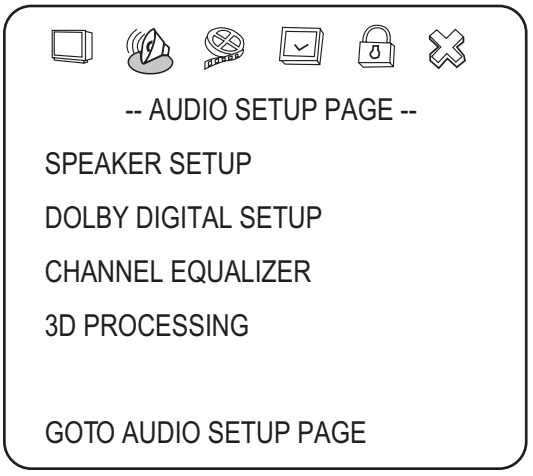
You can select preset graphic equalizer patterns according to the genre of the music being played. You can also adjust the equalizer settings.

To use the DVD equalizer:

1 While your TV/DVD combo is in DVD mode, press **SETUP**. The icon is highlighted.



2 Press ◄ or ► to highlight (audio), then press **OK/ENTER**. The *AUDIO SETUP PAGE* opens.



3 Press ▲ or ▼ to highlight **CHANNEL EQUALIZER**, then press **OK/ENTER**. The *CHANNEL EQUALIZER PAGE* opens.

4 Press ▲ or ▼ to highlight **EQ TYPE**, then press **OK/ENTER**.

5 Press ▲ or ▼ to highlight an equalizer pattern, then press **OK/ENTER**. You can select:

- **NONE**
- **ROCK**
- **POP**
- **LIVE**
- **DANCE**
- **TECHNO**
- **CLASSIC**
- **SOFT**

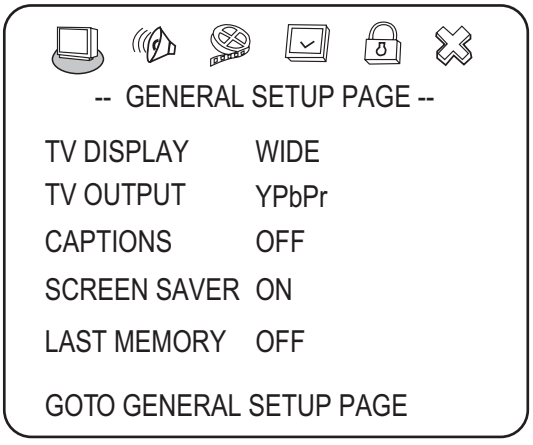
6 Press ◄ one or more times to go back to the previous menu.

7 To close the menu, press ◄ to highlight the ⛒ icon, then press **OK/ENTER**.

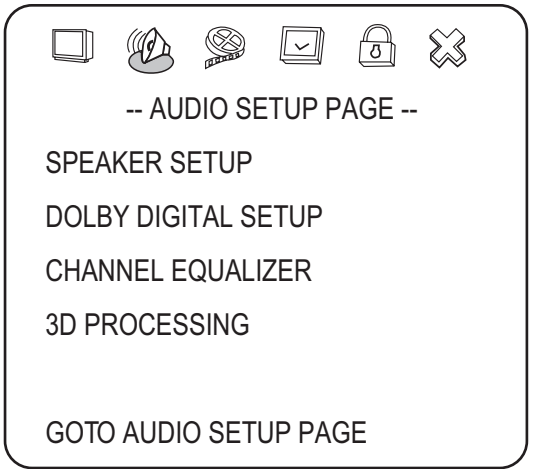
Setting up DVD 3D sound

To set up DVD 3D sound:

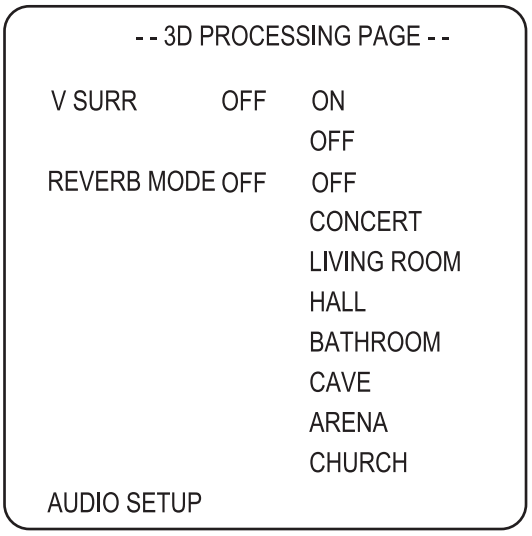
1 While your TV/DVD combo is in DVD mode, press **SETUP**. The 🖳 icon is highlighted.



2 Press ◄ or ► to highlight 🔊 (audio), then press **OK/ENTER**. The *AUDIO SETUP PAGE* opens.



3 Press ▲ or ▼ to highlight **3D PROCESSING**, then press **OK/ENTER**. The *3D PROCESSING PAGE* opens.



4 Press ▲ or ▼ to highlight a setting, then press **OK/ENTER**. You can select:

- **V SURR**—Turns virtual surround sound on or off.
- **REVERB MODE**—Selects a reverb mode.

5 Press ▲ or ▼ to adjust the setting, then press **OK/ENTER**.

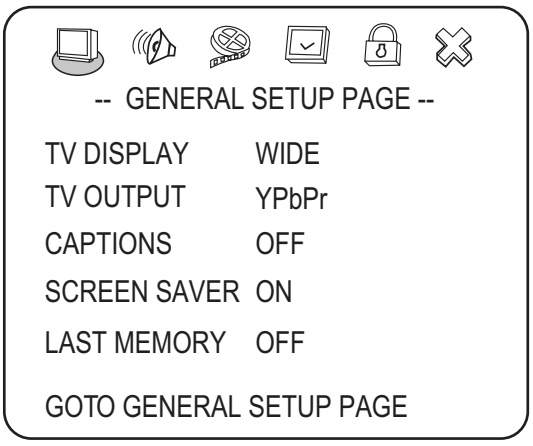
6 Press ◄ one or more times to go back to the previous menu.

7 To close the menu, press ◄ to highlight the ⛒ icon, then press **OK/ENTER**.

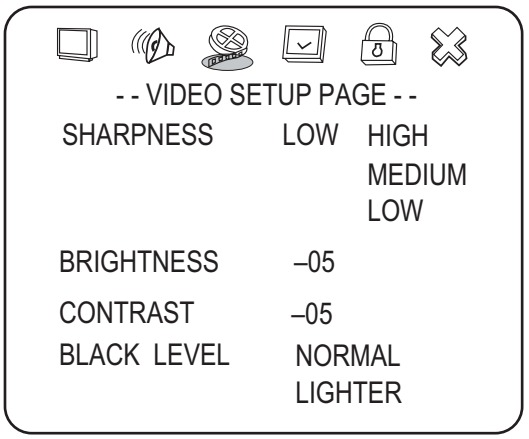
Setting up DVD video options

To set up DVD video options:

1 While your TV/DVD combo is in DVD mode, press **SETUP**. The icon is highlighted.



2 Press ◄ or ► to highlight (video), then press **OK/ENTER**. The *VIDEO SETUP PAGE* opens.



3 Press ▲ or ▼ to highlight a setting, then press **OK/ENTER**. You can select:

- **SHARPNESS**—Sets the sharpness level. Press ▲ or ▼ to highlight **HIGH**, **MEDIUM**, or **LOW**, then press **OK/ENTER**.
- **BRIGHTNESS**—Sets the brightness level. Press ◄ or ► to adjust the level, then press **OK/ENTER**.
- **CONTRAST**—Sets the contrast level. Press ◄ or ► to adjust the level, then press **OK/ENTER**.
- **BLACK LEVEL**—Press ▲ or ▼ to highlight **NORMAL** or **LIGHTER**, then press **OK/ENTER**.

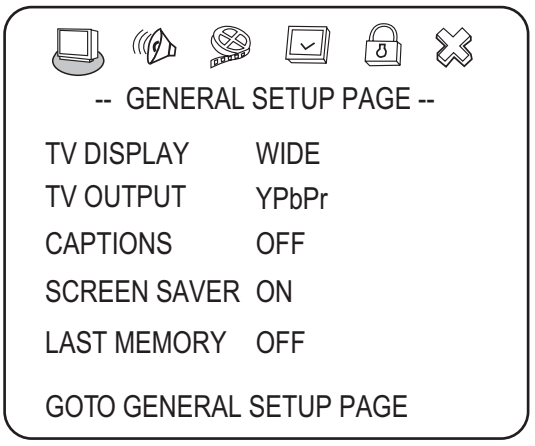
4 Press ◄ one or more times to go back to the previous menu.

5 To close the menu, press ◄ to highlight the icon, then press **OK/ENTER**.

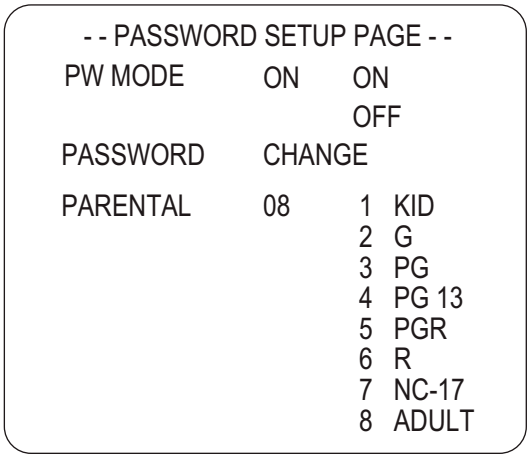
Using parental controls

To use parental controls:

1 While your TV/DVD combo is in DVD mode, press **SETUP**. The icon is highlighted.



2 Press ◄ or ► to highlight (password), then press **OK/ENTER**. The *PASSWORD SETUP PAGE* opens.



3 Press ▲ or ▼ to highlight an option, then press **OK/ENTER**. You can select:

- **PW MODE**—Turns the parental lock on or off. Press ▲ or ▼ to highlight **OFF** or **ON**, then press **OK/ENTER**. When the parental lock is set to **ON**, you cannot select **PARENTAL** to set rating levels. To set or change rating levels, select **OFF**.
- **PASSWORD CHANGE**—Changes the password. The default password is **99999**. If you forget your password, enter **99999**.
- **PARENTAL**—Lets you block or unblock rating levels. The **PW MODE** option must be set to **OFF** to change this setting. Press ▲ or ▼ to highlight a rating, then press **OK/ENTER**. You cannot play DVDs that are rated higher than the setting you select.

4 Press ◄ one or more times to go back to the previous menu.

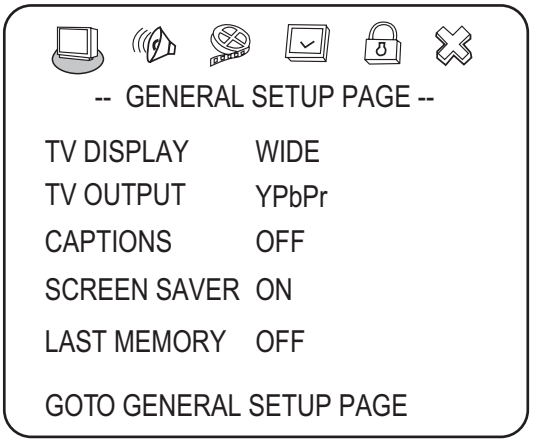
5 To close the menu, press ◄ to highlight the icon, then press **OK/ENTER**.

Changing DVD preferences

You can change preferences only when the DVD player is in stop mode.

To change DVD preferences:

1. While in DVD mode, make sure that your TV/DVD combo is in stop mode.
2. Press **SETUP**. The icon is highlighted.



3. Press ◄ or ► to highlight (preferences), then press **OK/ENTER**. The *PREFERENCES PAGE* opens.

4. Press ▲ or ▼ to highlight an option, then press **OK/ENTER**. You can select:
   - **AUDIO**—Changes the DVD audio language. If the language you select is available on the DVD, the audio is played in that language. If the language you select is not available on the DVD, the audio is played in the original language.
   - **SUBTITLE**—Changes the DVD subtitle language. If the language you select is available on the DVD, the subtitles are displayed in that language. If the language you select is not available on the DVD, the subtitles are displayed in the original language.
   - **DISC MENU**—Changes the language for the disc menu. If the language you select is available on the DVD, the disc menu is displayed in that language. If the language you select is not available on the DVD, the disc menu is displayed in the original language.
   - **DEFAULT**—Resets the DVD player settings to the default settings, including the parental controls. It does not reset the password.
5. Press ▲ or ▼ to change the option, then press **OK/ENTER**.
6. Press ◄ one or more times to go back to the previous menu.
7. To close the menu, press ◄ to highlight the icon, then press **OK/ENTER**.

Maintaining

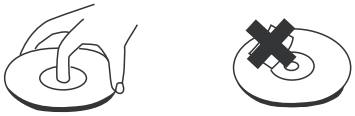
Cleaning the cabinet

Wipe the front panel and other exterior surfaces of your TV/DVD combo with a soft cloth lightly dampened with lukewarm water. Never use a solvent or alcohol to clean your TV/DVD combo. Do not spray insecticide near your TV/DVD combo. Such chemicals may cause damage and discoloration to the exposed surfaces.

Care and handling of discs

Handling discs

Do not touch the playback side of the disc. Hold the disc by the edges so that fingerprints do not get on the surface. Never stick paper or tape on the disc.



Storing discs

After playing, store the disc in its case. Do not expose the disc to direct sunlight or sources of heat, and never leave it in a parked car exposed to direct sunlight.

Cleaning discs

Fingerprints and dust on the disc can cause poor picture quality and sound distortion. Before playing, clean the disc with a clean cloth. Wipe the disc from the center out.

Do not use strong solvents such as alcohol, benzine, thinner, commercially available cleaners, or anti-static spray intended for older vinyl records.

Note

Never operate your TV/DVD combo immediately after moving it from a cold location to a warm location. Leave it for two or three hours without operating it. If you use your TV/DVD combo in such a situation, it may damage discs or internal parts.

Troubleshooting

TV

Problem	Solution
No picture or sound	• Check all cable connections. • Make sure that your TV/DVD combo is turned on.
Picture is OK, but no sound	• Check the volume level and mute setting.
Sound is OK, but no color	• Check the color control and adjust it. • Check the program's color features because it may be a black and white movie.
The picture has overlapped images	• Make sure that the antenna is installed correctly. If not, adjust the antenna towards the broadcasting station.
Picture has snow	• Check the antenna and its connection. If there are problems, correct them. If all connections are tight, the problem may be with a faulty antenna or cable. • Check car traffic or neon signs that may disrupt the image.
Stripes on picture	• Check for interference from other electronic devices, such as radios and televisions, and keep magnetic or electronic devices away from your TV/DVD combo.
Bad stereo or SAP sound	• A long broadcast distance or interference from radio waves can cause bad sound reception. Try changing the mode to **Mono**.
Remote control does not work	• Remove obstacles between the remote control and the remote control sensor on the front of your TV/DVD combo. • Point the remote control at your TV/DVD combo's remote control sensor. • Install fresh batteries.
"Unsupported Mode" appears on the screen	• Check the resolution and frequency of your computer, and adjust it to the optimum resolution for your TV/DVD combo: 1360 × 768 at 60 Hz.
"No Signal" appears on the screen	• Make sure that the cable is firmly connected to the computer and TV/DVD combo.
Image is not clear	• Adjust the phase control.
Image is not centered	• Adjust the horizontal control.
Picture has a few bright or dark dots	• A few bright or dark dots on an LCD screen are normal. It does not affect the operation of your TV/DVD combo.

DVD player

Problem	Solution
No sound	• Make sure that your TV/DVD combo or amplifier is working correctly. • Make sure that the amplifier is set to receive DVD signal input.
No image	• Make sure that your TV/DVD combo is working correctly. • Make sure that the color system is set correctly.
Bad sound quality	• Make sure that the audio output mode is set correctly. • Make sure that the audio connection between your TV/DVD combo and amplifier (if used) is secure.
Disc cannot be played	• Make sure that the disc is inserted with the label facing forward. • Clean the disc. • Moisture may have condensed in the DVD player. Remove the disc and leave the player on for about an hour to dry out.
The player does not operate normally	• Disconnect the power plug, then reconnect it.
Remote control does not work	• Remove obstacles between the remote control and the player. • Point the remote control at your TV/DVD combo's remote control sensor. • Install fresh batteries.

Specifications

- Design and specifications are subject to change without notice.
- Weight and dimensions shown are approximate values only.

LCD	Panel	19"-wide TFT LCD
	Resolution	1366 × 768
	Viewing angle (H/V)	160°/160°
	Contrast ratio	1000:1 (typical)
	Brightness (cd/m^2)	300
Dimensions	With stand	18.35 × 14.21 × 7.87 in. (466 × 361 × 200 mm)
	Without stand	18.35 × 12.52 × 2.72 in. (466 × 318 × 69 mm)
Weight		14.6 lbs (6.6 kg)
TV	TV standard	ATSC/NTSC
	Tuning system	Electronic tuning system
	Frequency range	VHF/UHF
	Stereo	BTSC
	CATV	135 channels, QAM channels
Power	Input	120V AC, 60 Hz
	Consumption (max.)	59 W
Sound	Output	3W×2
Terminals	AV1 INPUT	Video, audio L/R
	AV2 INPUT	Video, audio L/R
	S-VIDEO INPUT	S-Video, audio L/R
	COMPONENT1 INPUT	Y, Pb (Cb), Pr (Cr), audio L/R
	COMPONENT2 INPUT	Y, Pb (Cb), Pr (Cr), audio L/R
	HDMI1	HDMI IN
	HDMI2	HDMI IN
	VGA	VGA input, audio (mini jack)
	AUDIO OUTPUT	L/R audio output Coaxial digital audio output
	VIDEO OUTPUT	DVD video output
	HEADPHONE	Mini jack
	Antenna in	F type
DVD player	Signal System	NTSC
	Playable discs	DVD: 12 cm CD: 12 cm
Operating conditions	Temperature	41°F ~ 95°F (5°C~35°C)
	Humidity	20%~80% RH
	Atmospheric pressure	86 KPa~106 KPa

Legal notices

FCC Part 15

This device complies with Part 15 of the FCC Rules. Operation of this product is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply within the limits for a class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced technician for help.

FCC warning

Changes or modifications not expressly approved by the party responsible for compliance with the FCC Rules could void the user's authority to operate this equipment.

DHHS and FDA safety certification

This product is made and tested to meet safety standards of the FCC, requirements and compliance with safety performance of the U.S. Department of Health and Human Services, and also with FDA Radiation Performance Standards 21 CFR Subchapter J.

RSS 310 statement

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

Macrovision statement

This product incorporates copyright protection technology that is protected by method claims of certain U.S. patents and other intellectual property rights owned by Macrovision Corporation and other rights owners. Use of this copyright protection technology must be authorized by Macrovision Corporation, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision Corporation. Reverse engineering or disassembly is prohibited.

ICES/BETS-7 Statements

Standard Television Receiving Apparatus — Appareil de réception télévision ordinaire, Canada BETS-7 / NTMR-7

Canada ICES-003 statement

This Class B digital apparatus complies with Canadian ICES-003.

Standard Television Receiving Apparatus — Appareil de réception télévision ordinaire, Canada BETS-7 / NTMR-7

Two-year limited warranty

Insignia Products ("Insignia") warrants to you, the original purchaser of this new **NS-LDVD19Q-10A** ("Product"), that the Product shall be free of defects in the original manufacture of the material or workmanship for a period of one (2) years from the date of your purchase of the Product ("Warranty Period"). This Product must be purchased from an authorized dealer of Insignia brand products and packaged with this warranty statement. This warranty does not cover refurbished Product. If you notify Insignia during the Warranty Period of a defect covered by this warranty that requires service, terms of this warranty apply.

How long does the coverage last?

The Warranty Period lasts for 2 years (730 days) from the date you purchased the Product. The purchase date is printed on the receipt you received with the Product.

What does this warranty cover?

During the Warranty Period, if the original manufacture of the material or workmanship of the Product is determined to be defective by an authorized Insignia repair center or store personnel, Insignia will (at its sole option): (1) repair the Product with new or rebuilt parts; or (2) replace the Product at no charge with new or rebuilt comparable products or parts. Products and parts replaced under this warranty become the property of Insignia and are not returned to you. If service of Products or parts are required after the Warranty Period expires, you must pay all labor and parts charges. This warranty lasts as long as you own your Insignia Product during the Warranty Period. Warranty coverage terminates if you sell or otherwise transfer the Product.

How to obtain warranty service?

If you purchased the Product at a retail store location, take your original receipt and the Product to the store you purchased it from. Make sure that you place the Product in its original packaging or packaging that provides the same amount of protection as the original packaging. If you purchased the Product from an online web site, mail your original receipt and the Product to the address listed on the web site. Make sure that you put the Product in its original packaging or packaging that provides the same amount of protection as the original packaging.

To obtain in-home warranty service for a television with a screen 30 inches or larger, call 1-888-BESTBUY. Call agents will diagnose and correct the issue over the phone or will have an Insignia-approved repair person dispatched to your home. Should the Insignia-approved repair person not correct the issue on the first call, an Insignia television (size and features to be determined by Insignia) will be loaned to you until your TV is repaired and returned, at no charge to you. This feature is only available to Insignia television consumers residing in the United States.

Where is the warranty valid?

This warranty is valid only to the original purchaser of the product in the United States, Canada, and Mexico.

What does the warranty not cover?

This warranty does not cover:

- Customer instruction
- Installation
- Set up adjustments
- Cosmetic damage
- Damage due to acts of God, such as lightning strikes
- Accident
- Misuse
- Abuse
- Negligence
- Commercial use
- Modification of any part of the Product, including the antenna
- Plasma display panel damaged by static (non-moving) images applied for lengthy periods (burn-in).

This warranty also does not cover:

- Damage due to incorrect operation or maintenance
- Connection to an incorrect voltage supply
- Attempted repair by anyone other than a facility authorized by Insignia to service the Product
- Products sold as is or with all faults
- Consumables, such as fuses or batteries
- Products where the factory applied serial number has been altered or removed

REPAIR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS YOUR EXCLUSIVE REMEDY. INSIGNIA SHALL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR THE BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS PRODUCT, INCLUDING, BUT NOT LIMITED TO, LOST DATA, LOSS OF USE OF YOUR PRODUCT, LOST BUSINESS OR LOST PROFITS. INSIGNIA PRODUCTS MAKES NO OTHER EXPRESS WARRANTIES WITH RESPECT TO THE PRODUCT, ALL EXPRESS AND IMPLIED WARRANTIES FOR THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTIES OF AND CONDITIONS OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE WARRANTY PERIOD SET FORTH ABOVE AND NO WARRANTIES, WHETHER EXPRESS OR IMPLIED, WILL APPLY AFTER THE WARRANTY PERIOD. SOME STATES, PROVINCES AND JURISDICTIONS DO NOT ALLOW LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU. THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU MAY ALSO HAVE OTHER RIGHTS, WHICH VARY FROM STATE TO STATE OR PROVINCE TO PROVINCE.

Contact Insignia:

For customer service please call 1-877-467-4289
www.insigniaproducts.com

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